

**Figure 1a**

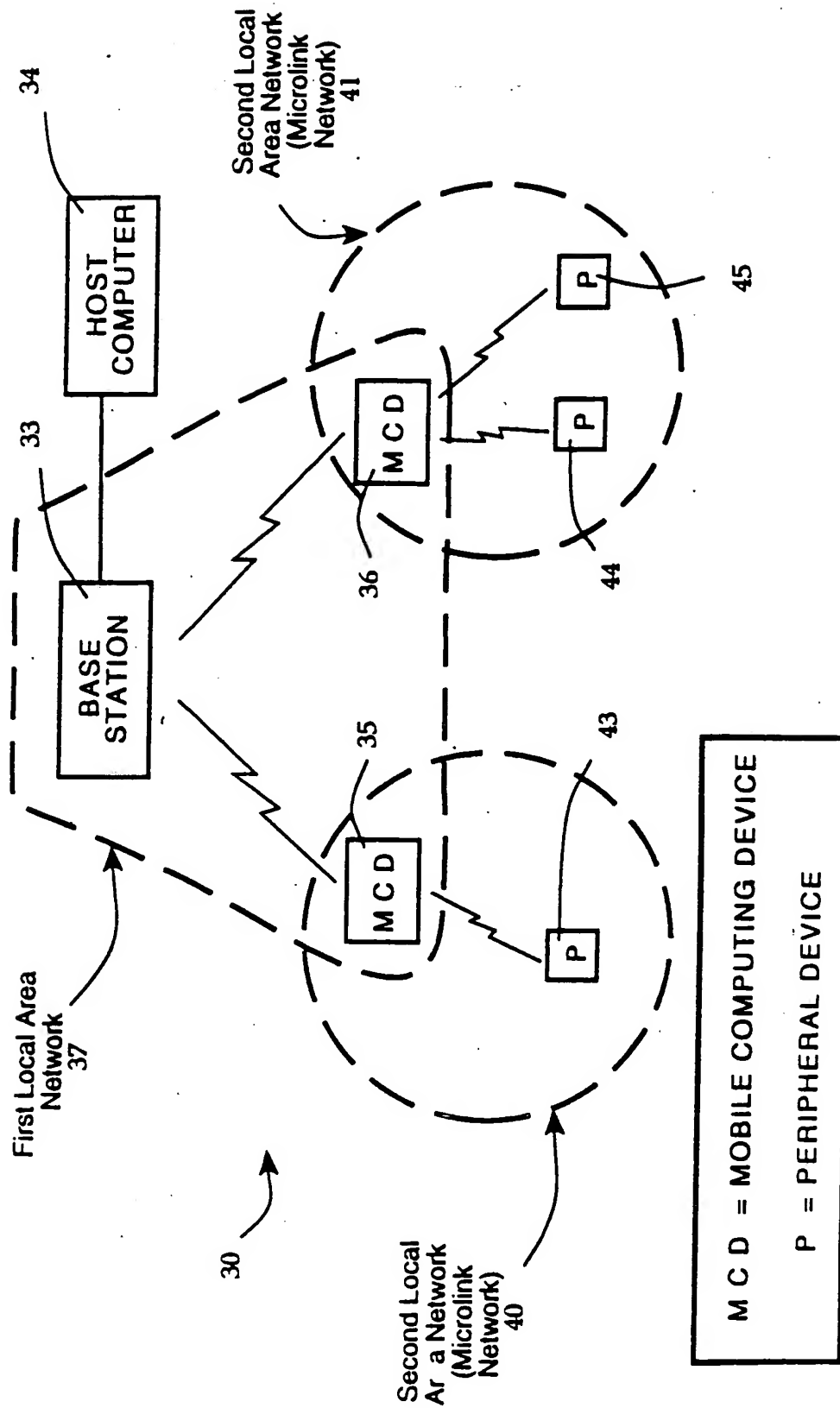
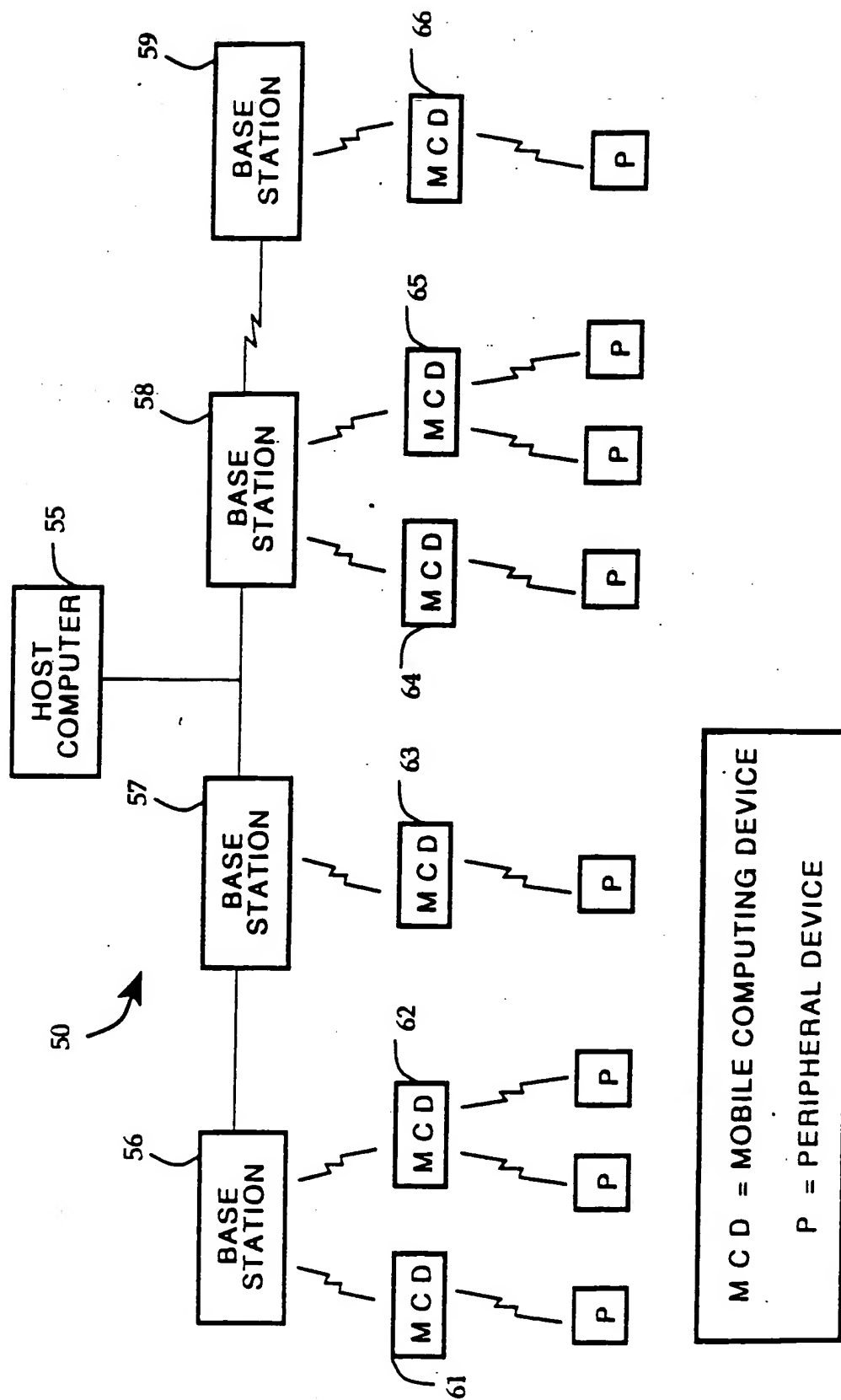
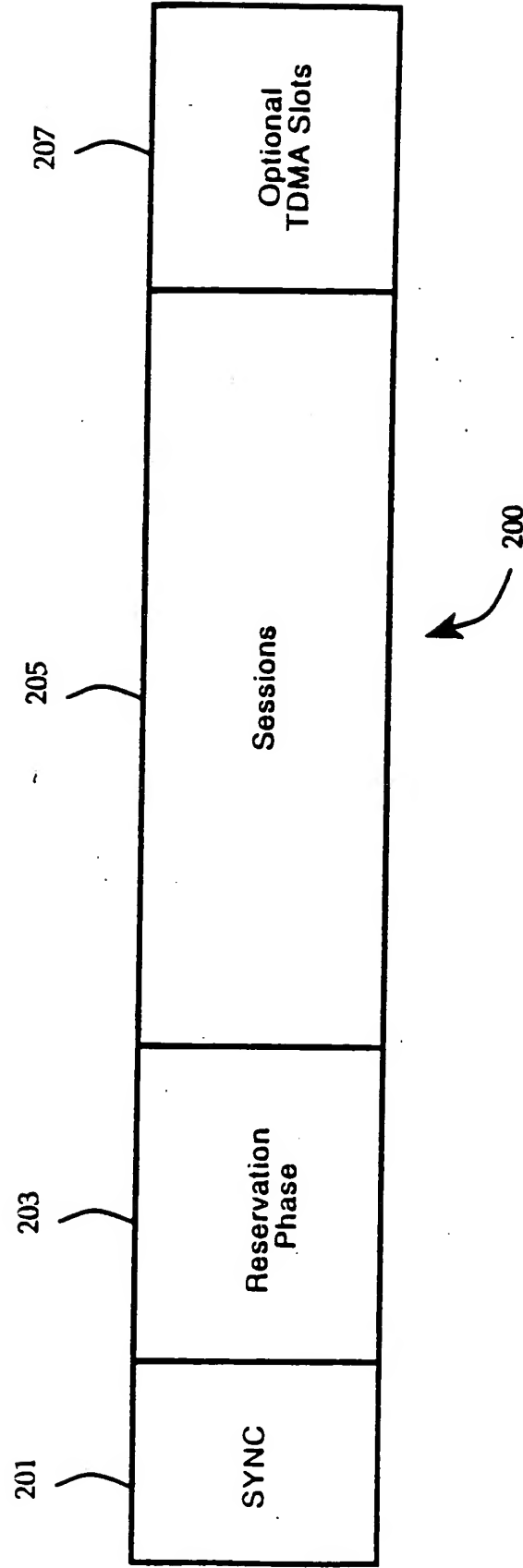


Figure 1b



**Figure 1c**



**Figure 2**

| 10 ms               | 10 ms               | 10 ms               | 10 ms               | 10 ms               | 10 ms | 10 ms                | 10 ms               | 10 ms |
|---------------------|---------------------|---------------------|---------------------|---------------------|-------|----------------------|---------------------|-------|
| Freq. 1<br>2466 MHz | Freq. 2<br>2411 MHz | Freq. 3<br>2417 MHz | Freq. 4<br>2472 MHz | Freq. 5<br>2444 MHz | ..... | Freq. 79<br>2403 MHz | Freq. 1<br>2466 MHz |       |

**Figure 3a**

|       | 20 ms               | 20 ms               | 20 ms               | 20 ms               | 20 ms               | 20 ms | 20 ms                | 20 ms               | 20 ms | 20 ms |
|-------|---------------------|---------------------|---------------------|---------------------|---------------------|-------|----------------------|---------------------|-------|-------|
| Freq. | Freq. 1<br>2466 MHz | Freq. 2<br>2411 MHz | Freq. 3<br>2417 MHz | Freq. 4<br>2472 MHz | Freq. 5<br>2444 MHz | ..... | Freq. 79<br>2403 MHz | Freq. 1<br>2466 MHz |       |       |

**Figure 3b**

| Freq 1: 2466 MHz |       |       | Freq 2: 2411 MHz |       |       | Freq 3: 2417 MHz |       |       | Freq 5: 2444 MHz |       |       |
|------------------|-------|-------|------------------|-------|-------|------------------|-------|-------|------------------|-------|-------|
| Al. 1            | 20 ms | Al. 2 | 20 ms            | Al. 1 | 20 ms | Al. 2            | 20 ms | Al. 1 | 20 ms            | Al. 2 | 20 ms |

401

Figure 4a

| Freq 1: 2466 MHz |       |       |       | Freq 2: 2411 MHz |       |       |       |
|------------------|-------|-------|-------|------------------|-------|-------|-------|
| Al. 1            | 20 ms | Al. 2 | 20 ms | Al. 3            | 20 ms | Al. 4 | 20 ms |

401

Figure 4b

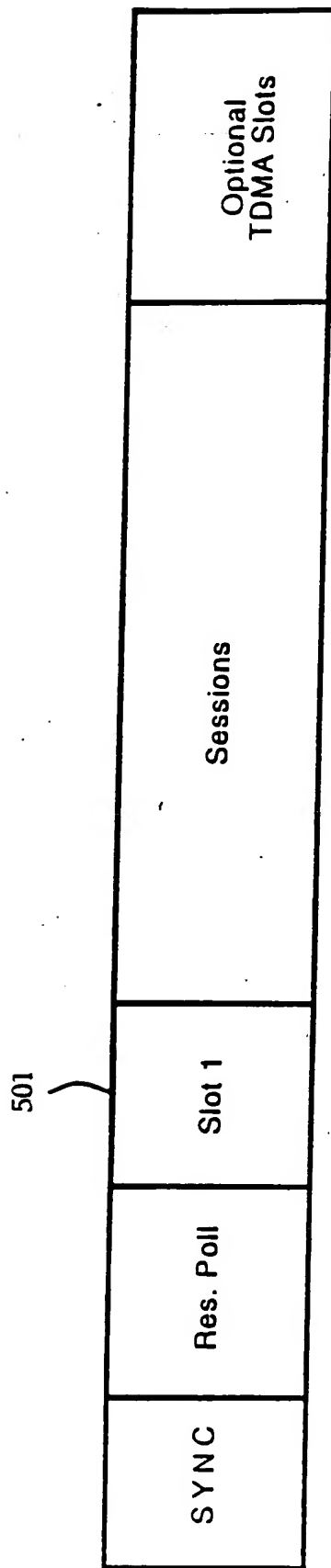


Figure 5a

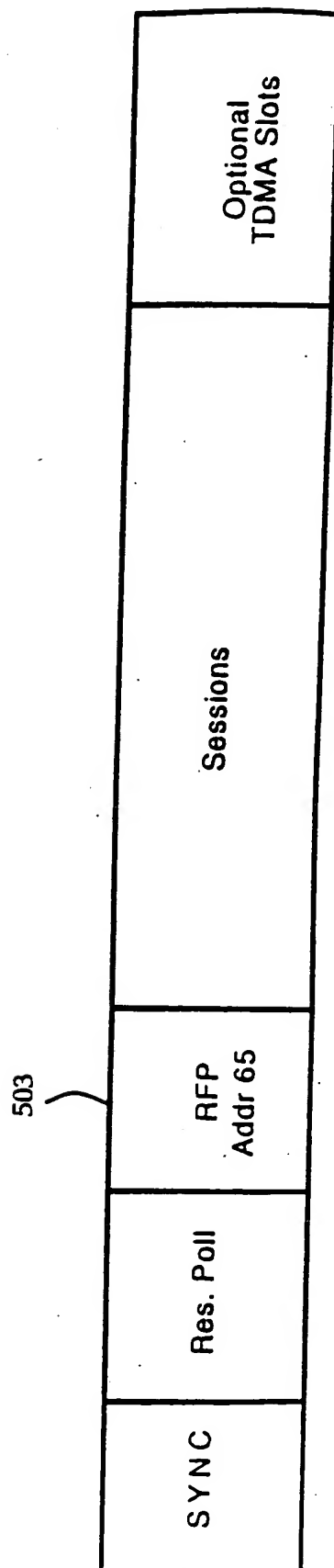


Figure 5b

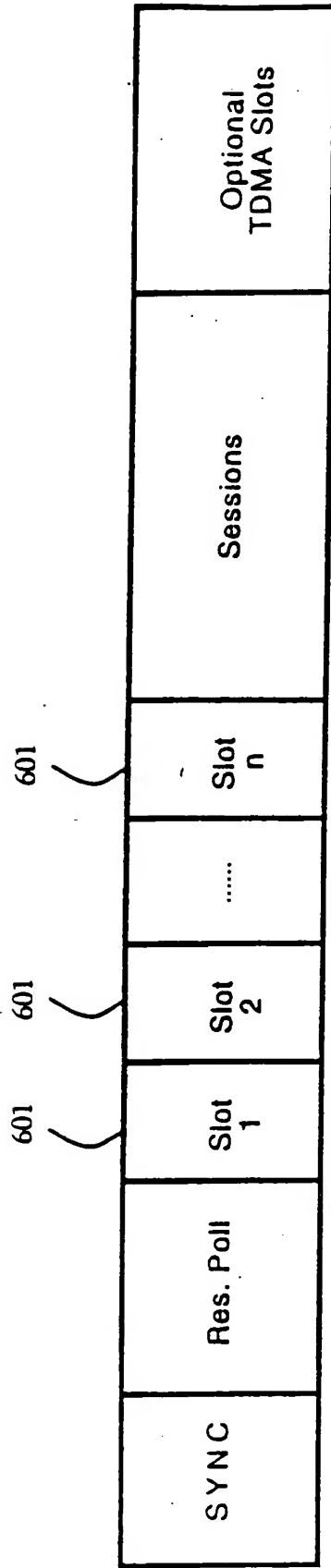


Figure 6a

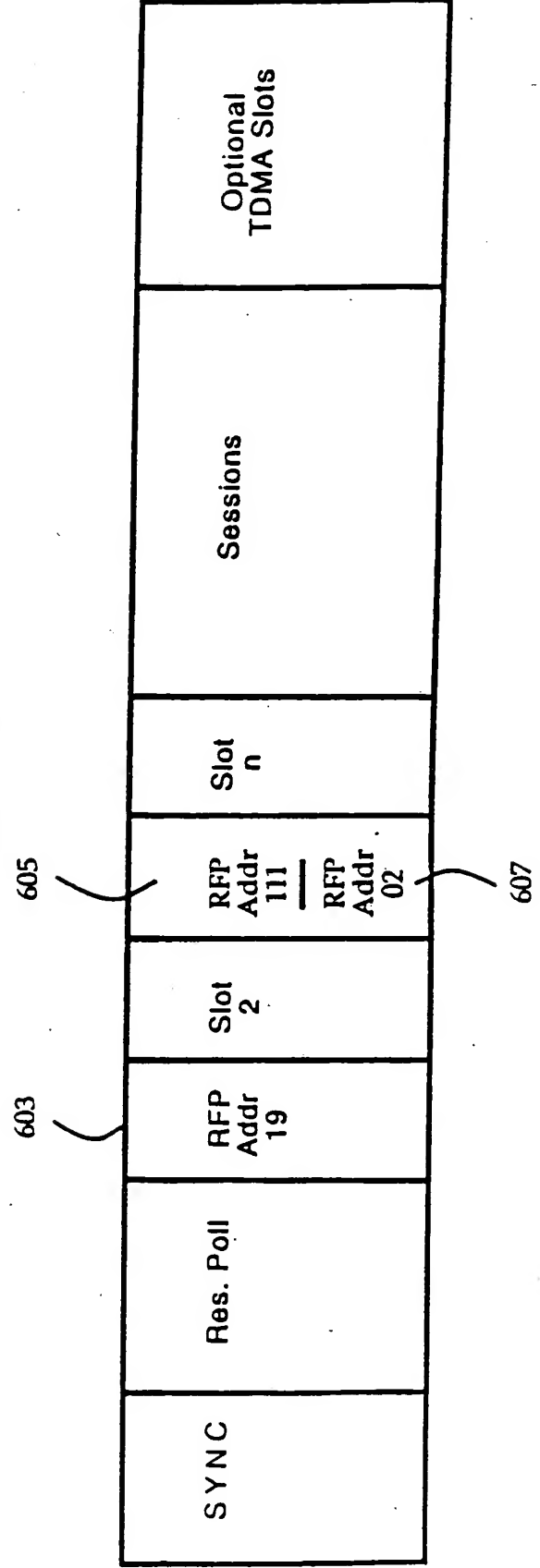


Figure 6b



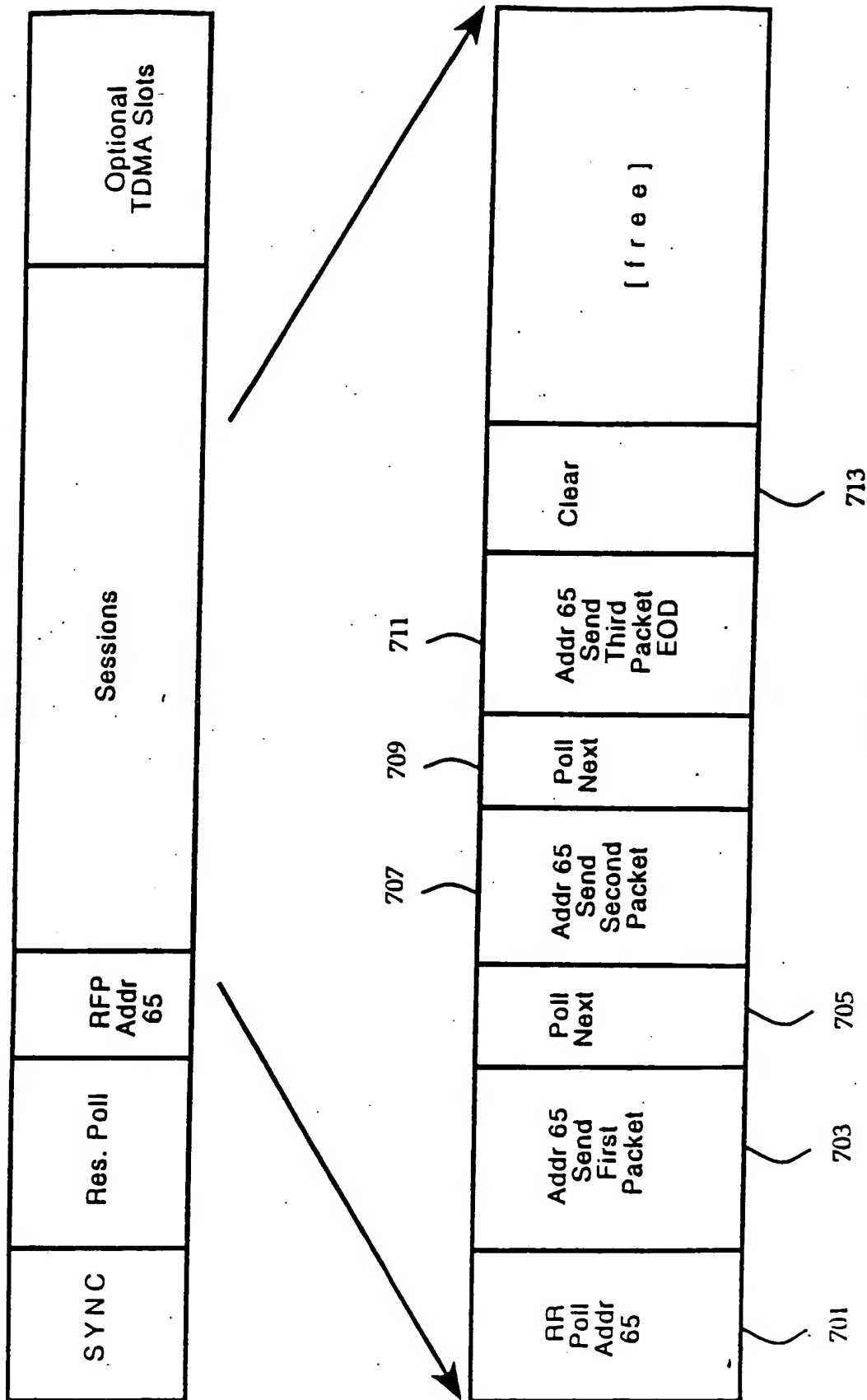


Figure 7a

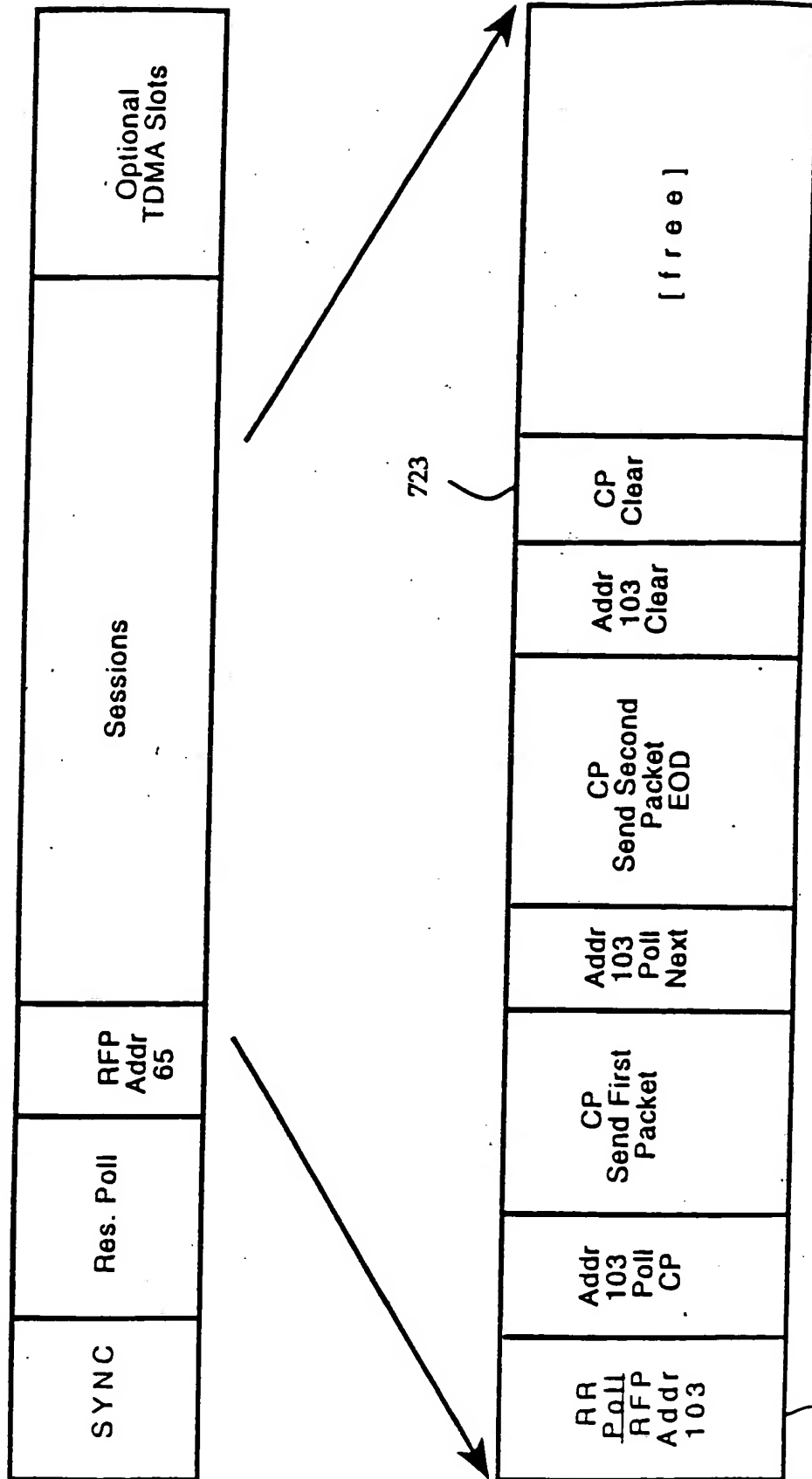


Figure 7b

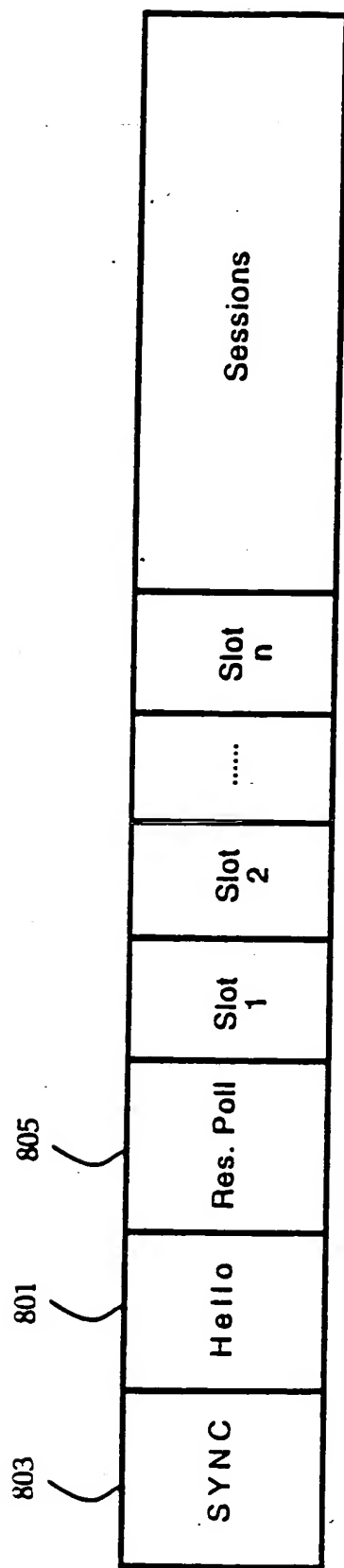


Figure 8

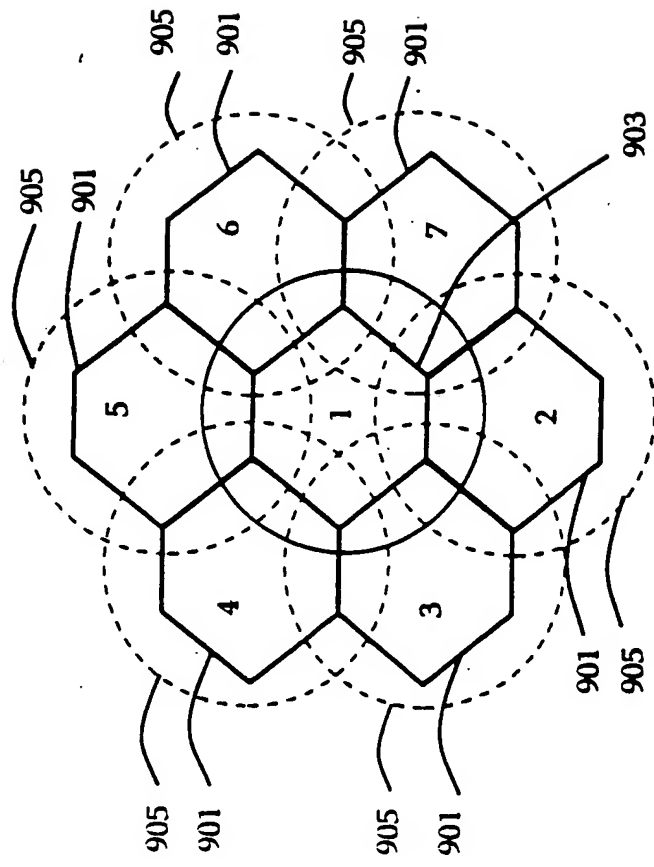


Figure 9a

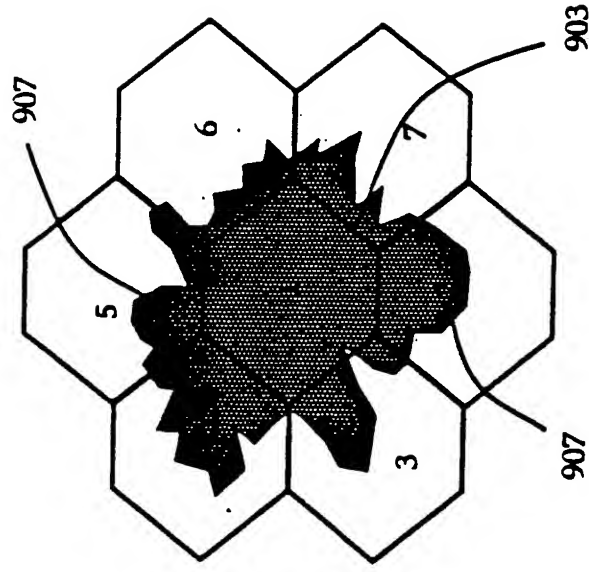


Figure 9b

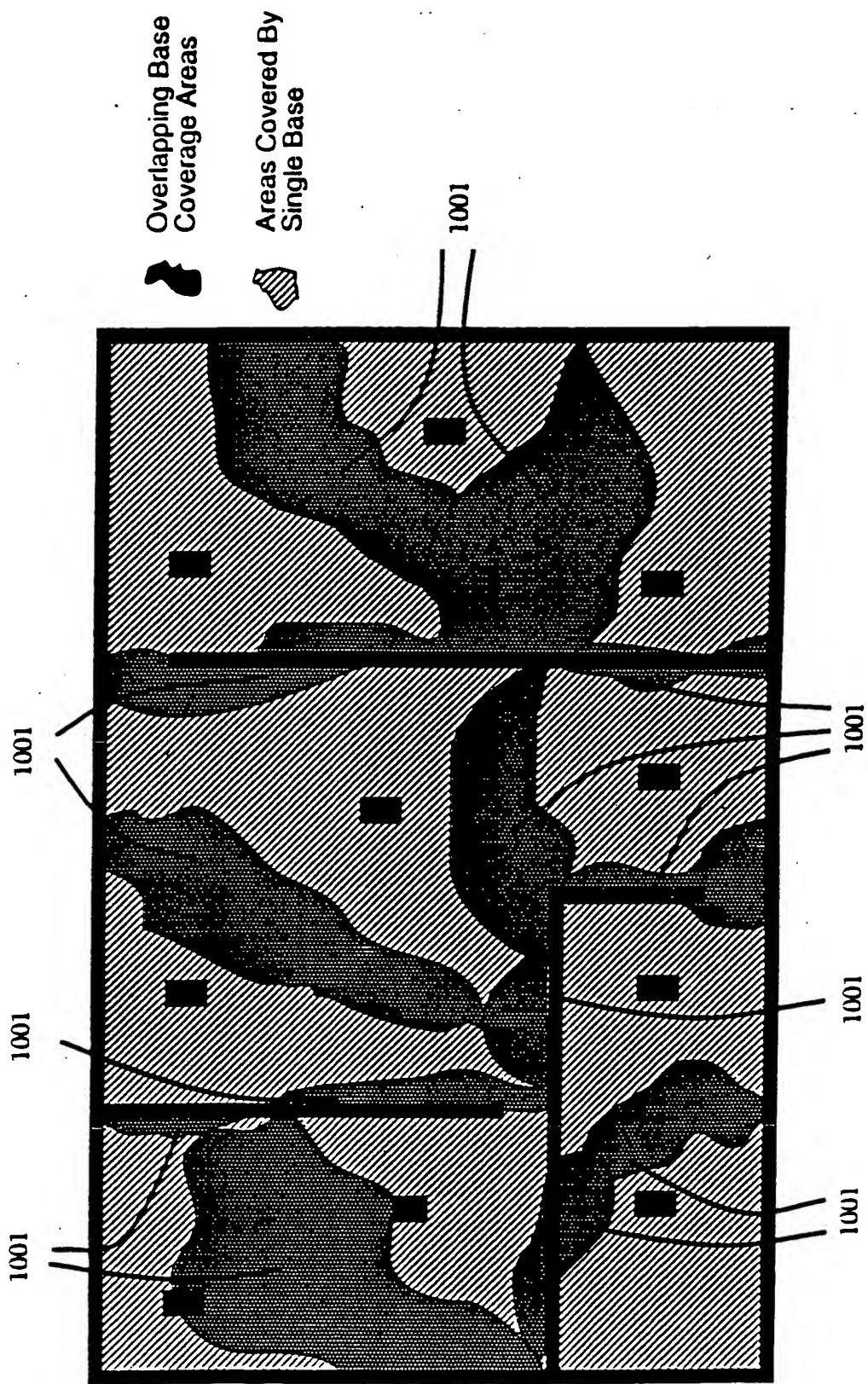


Figure 10

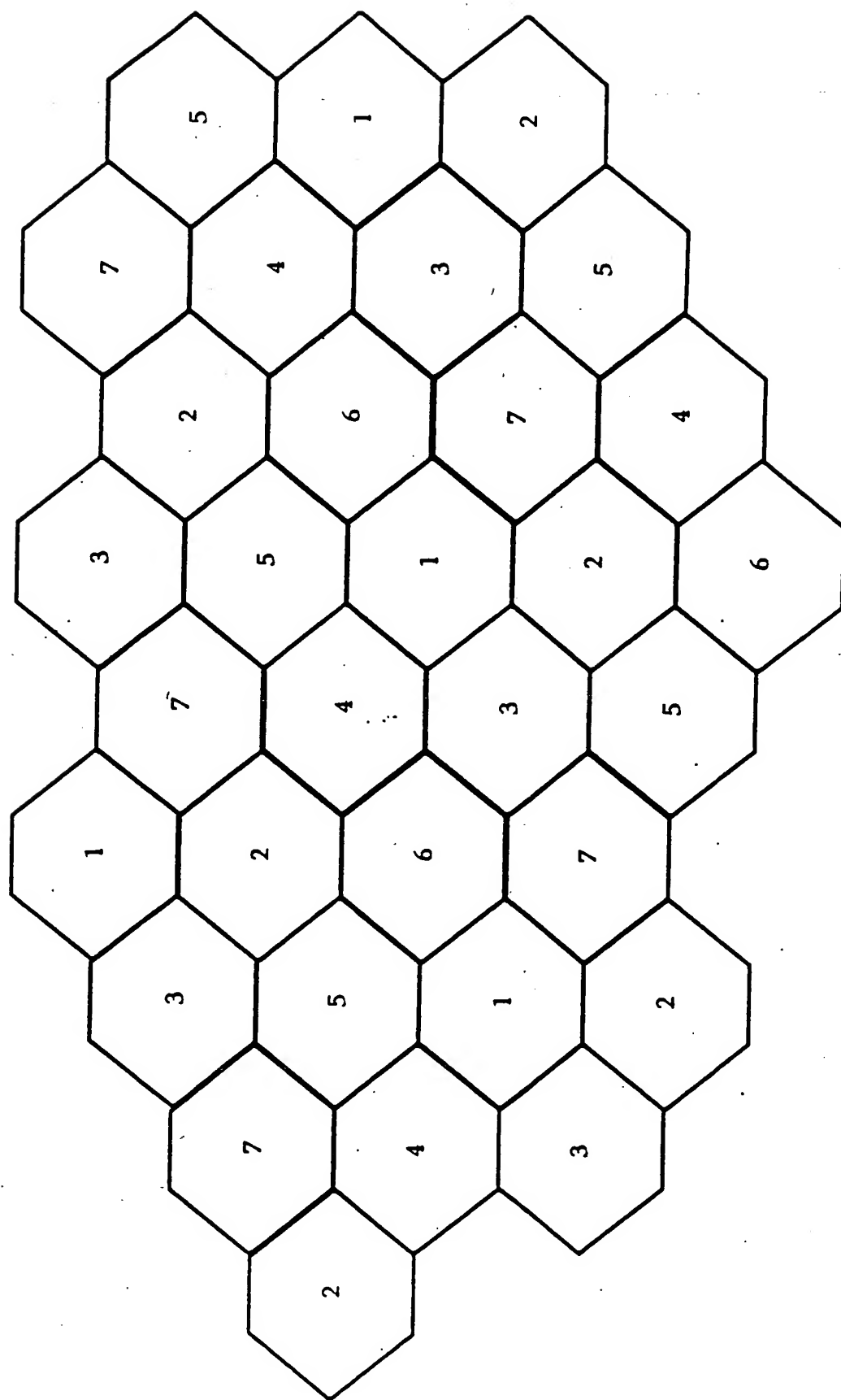


Figure 11

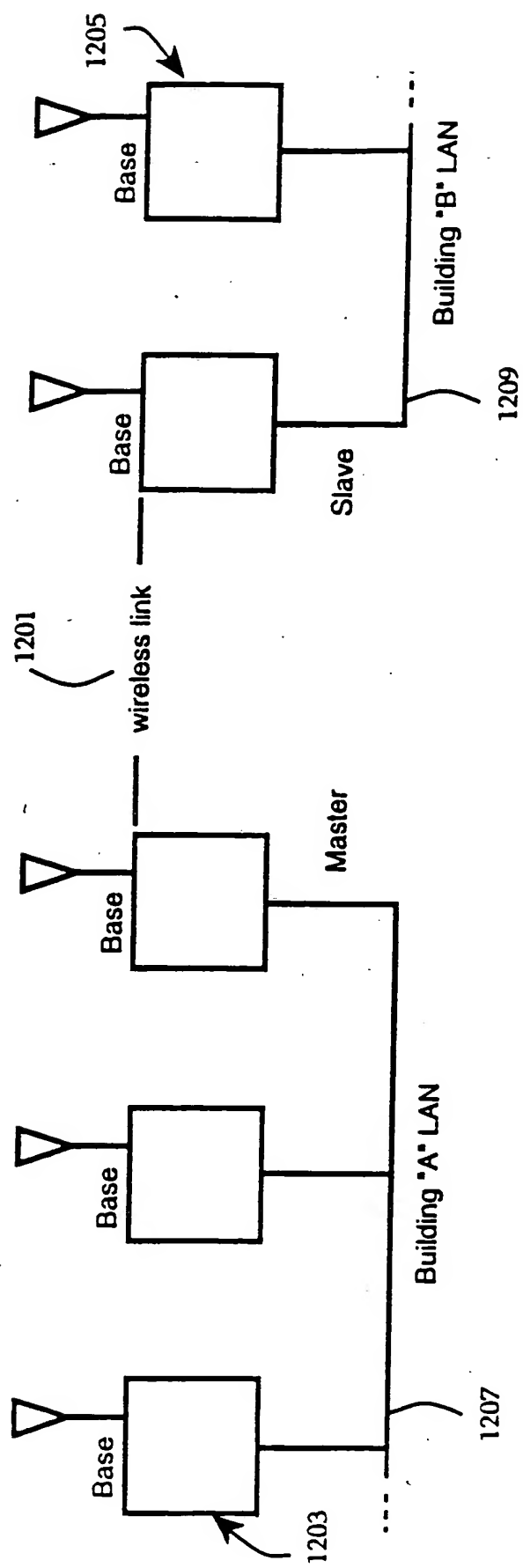


Figure 12

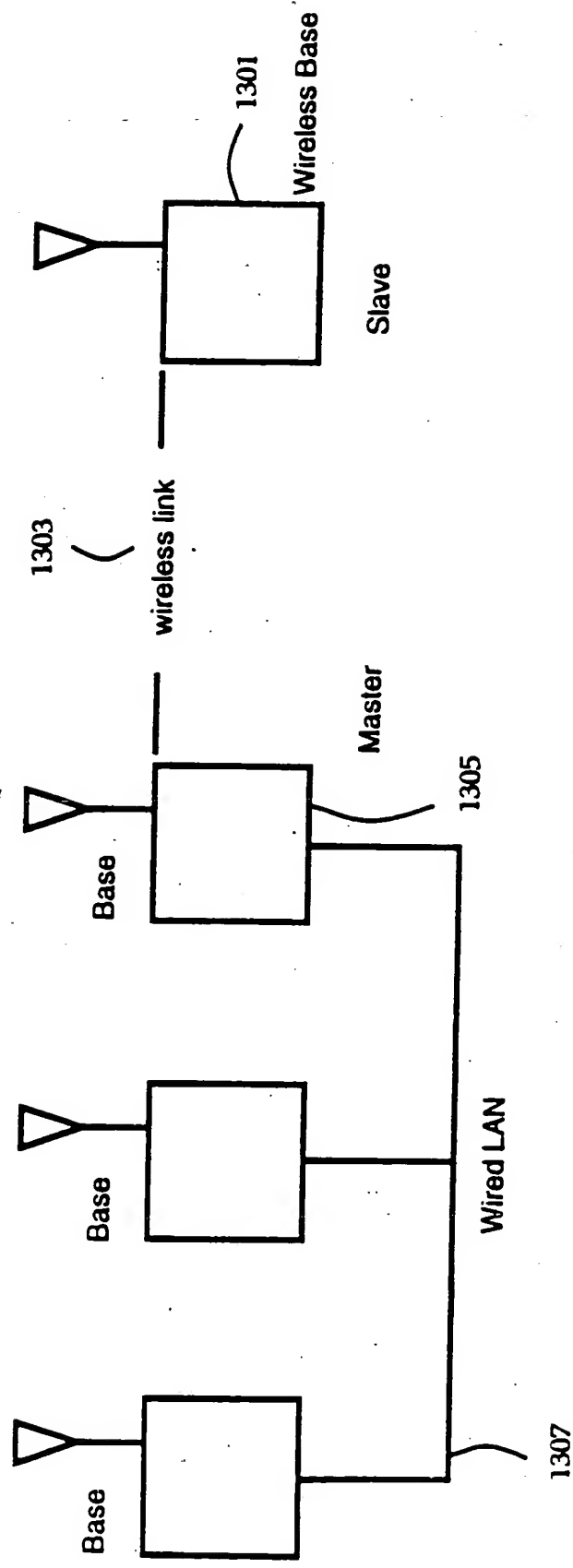


Figure 13



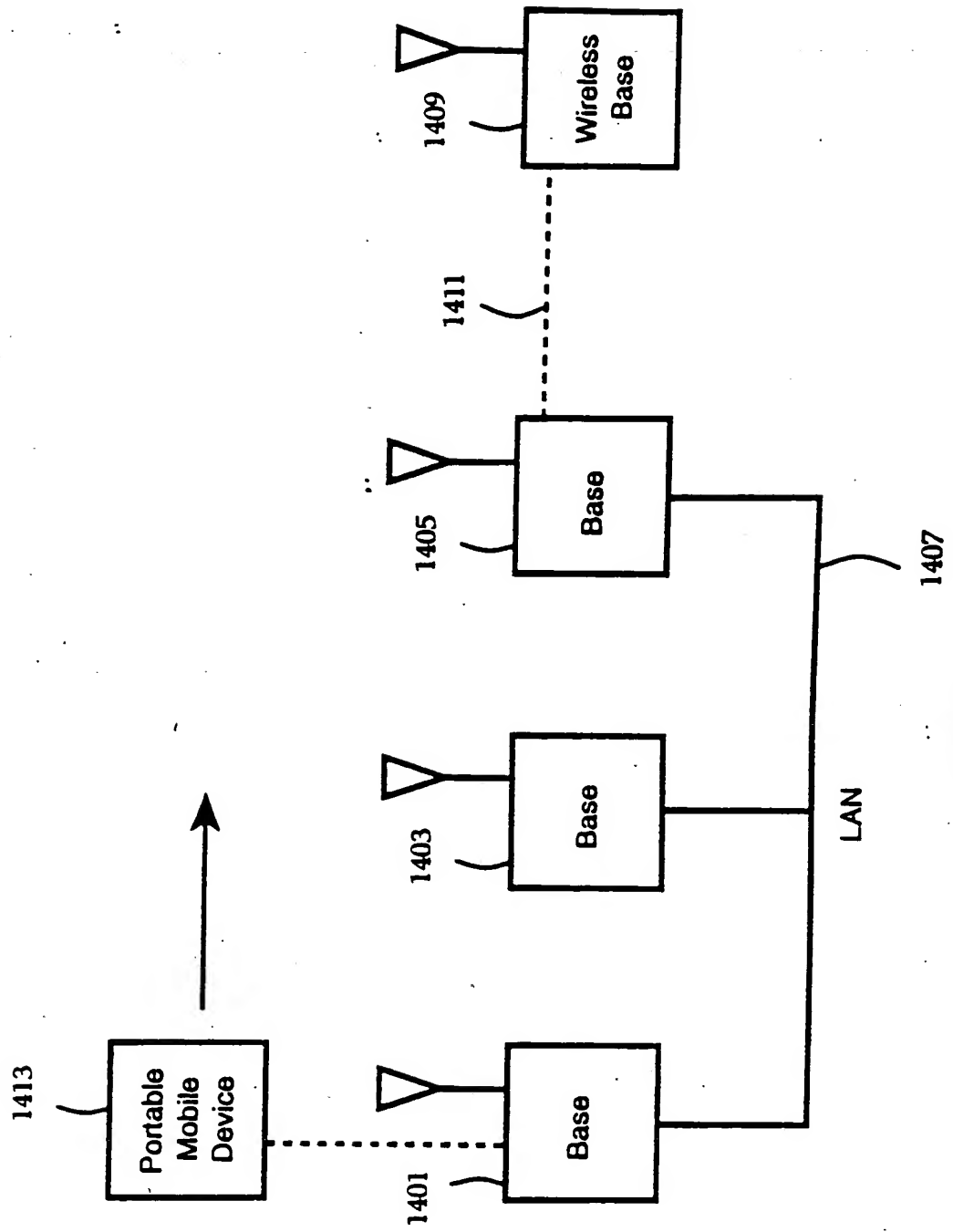


Figure 14

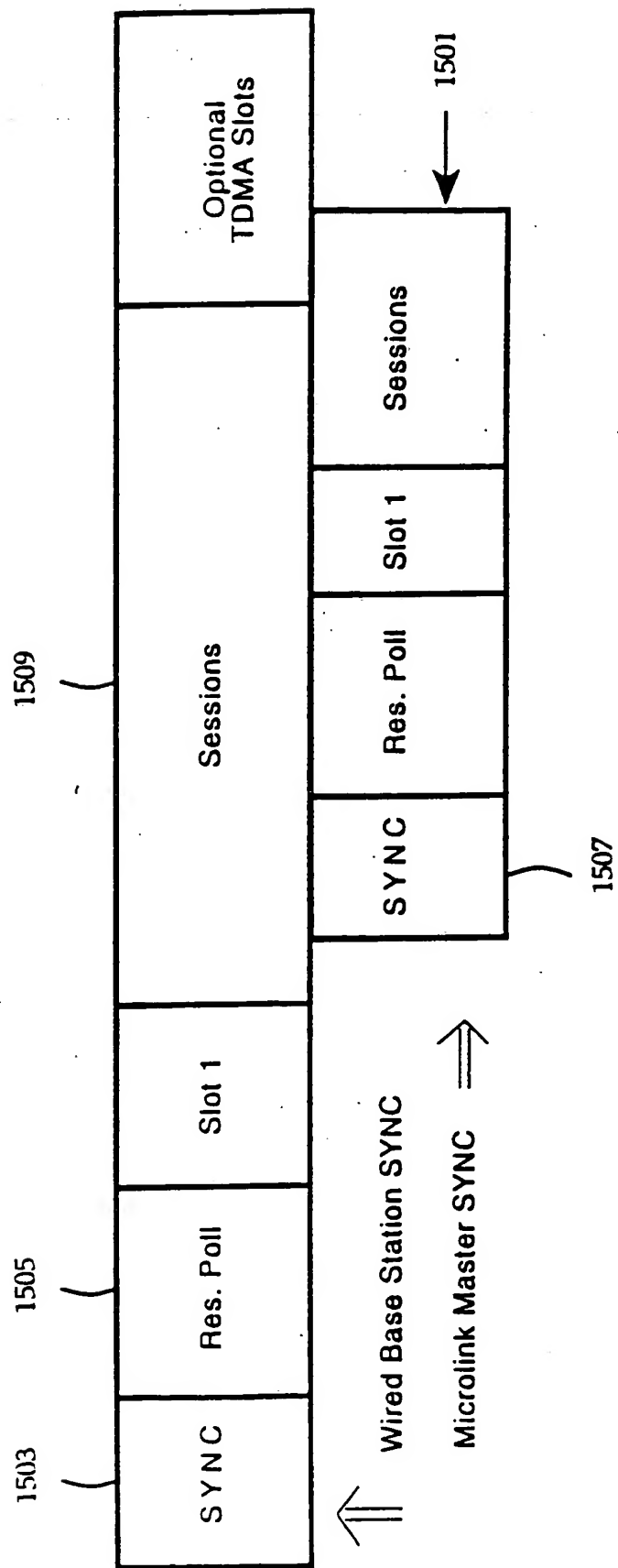


Figure 15

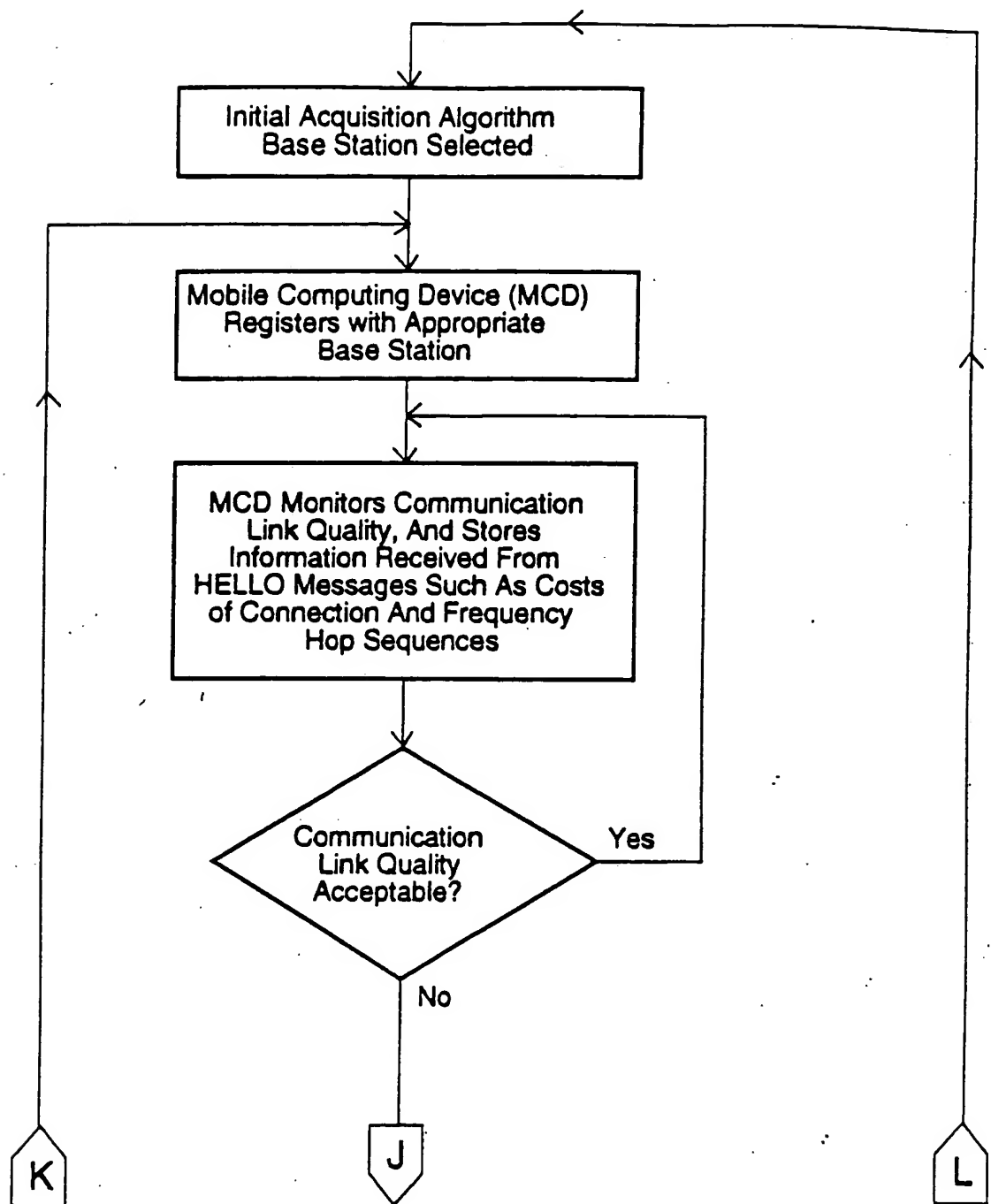


Figure 16a

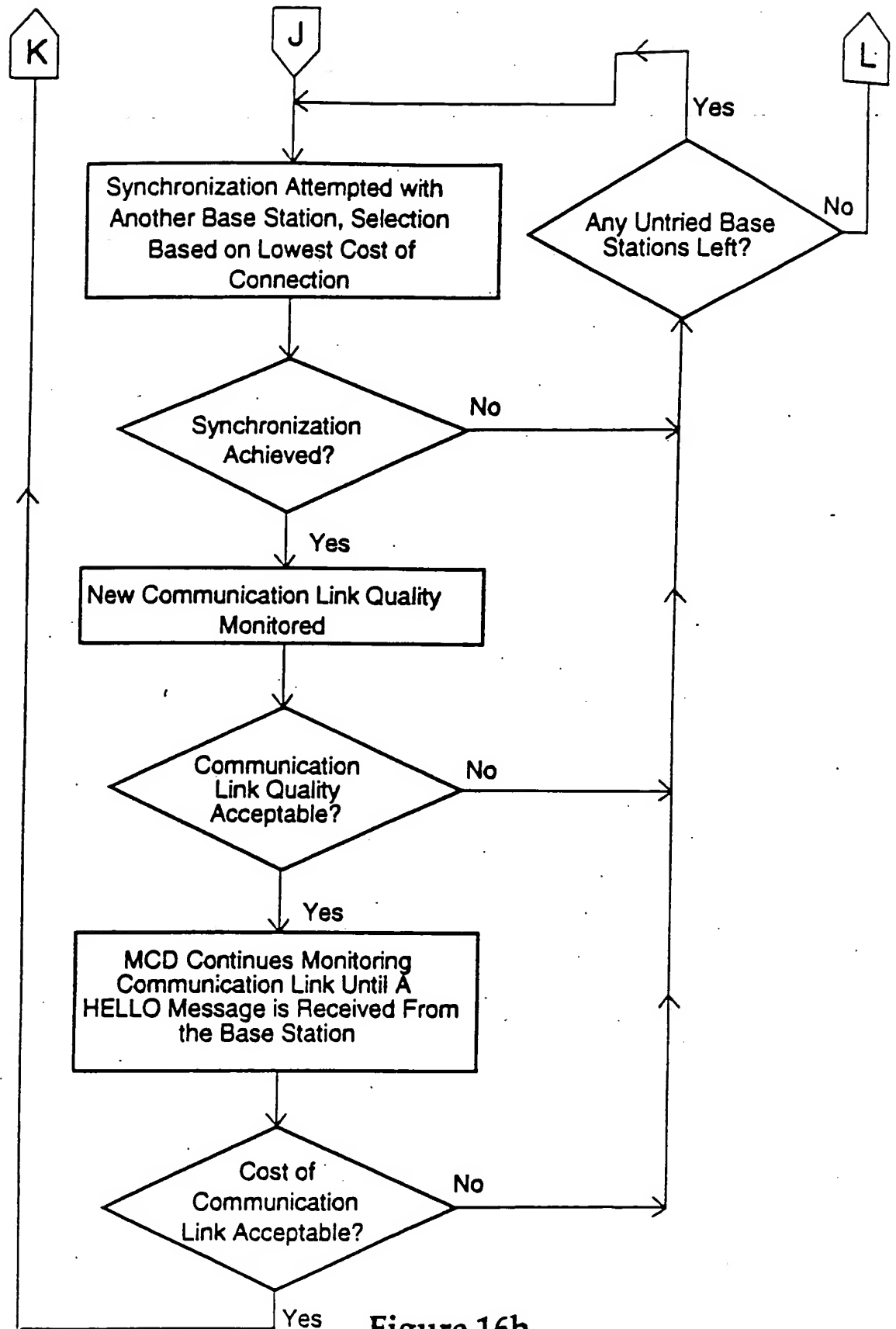


Figure 16b

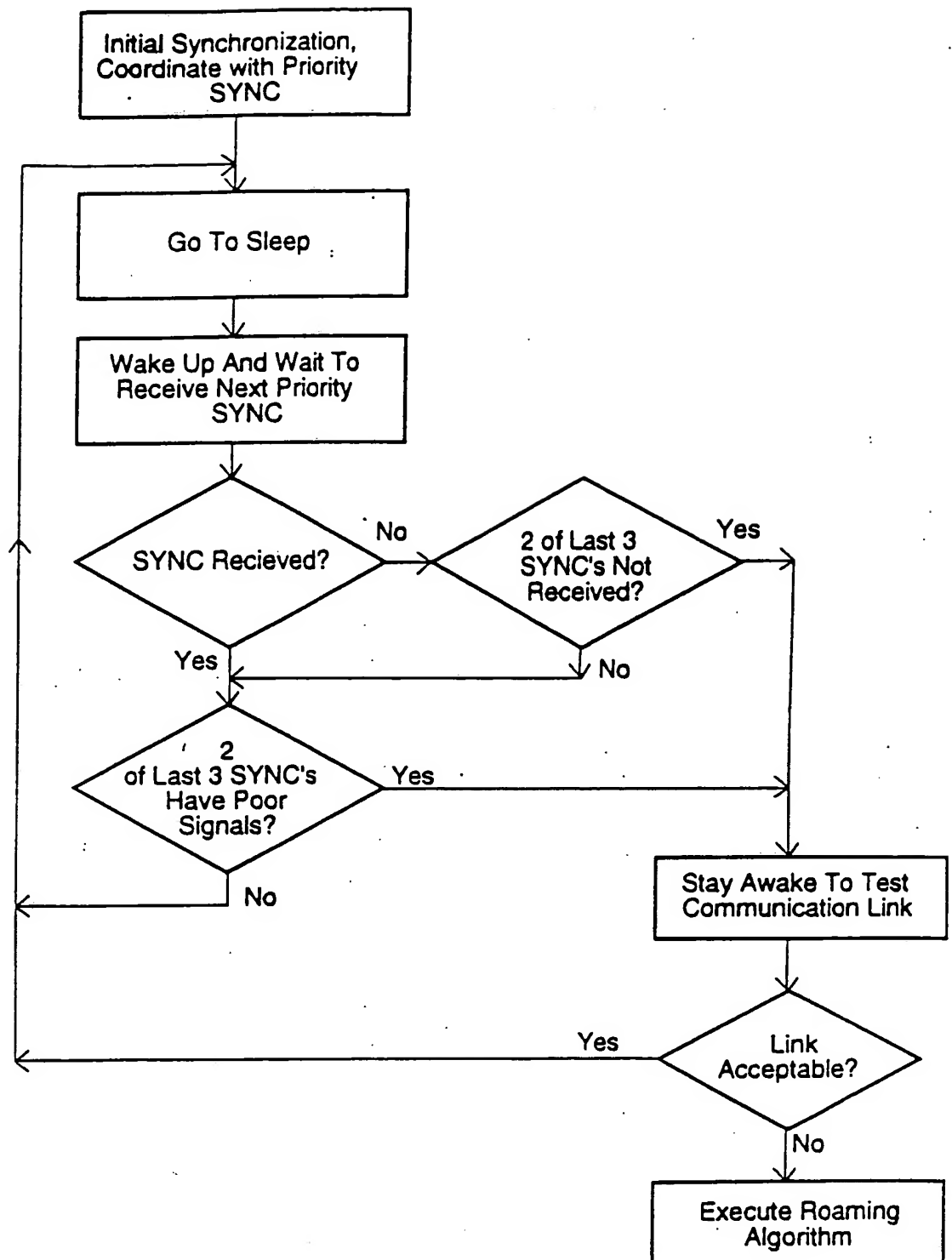


Figure 17

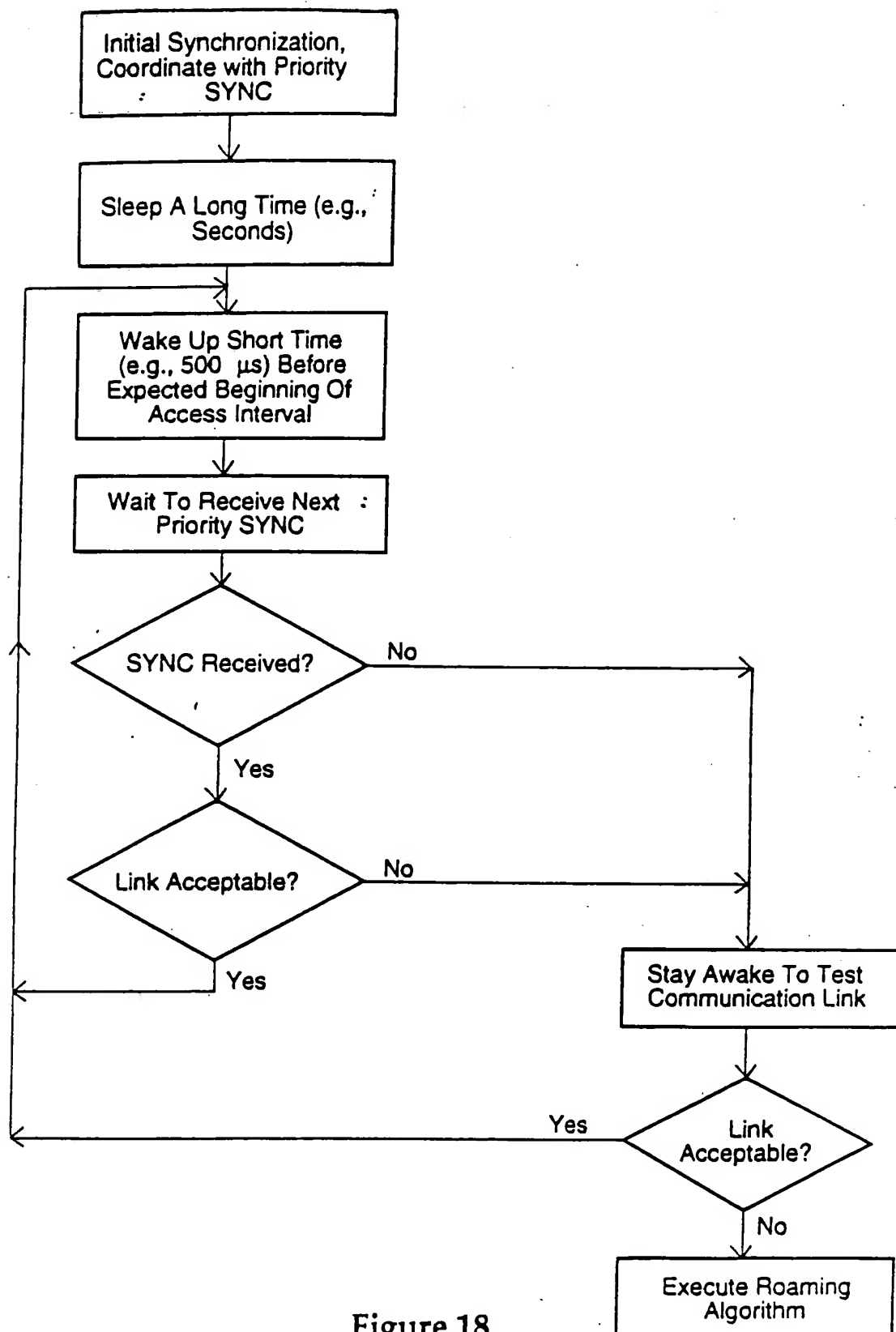


Figure 18

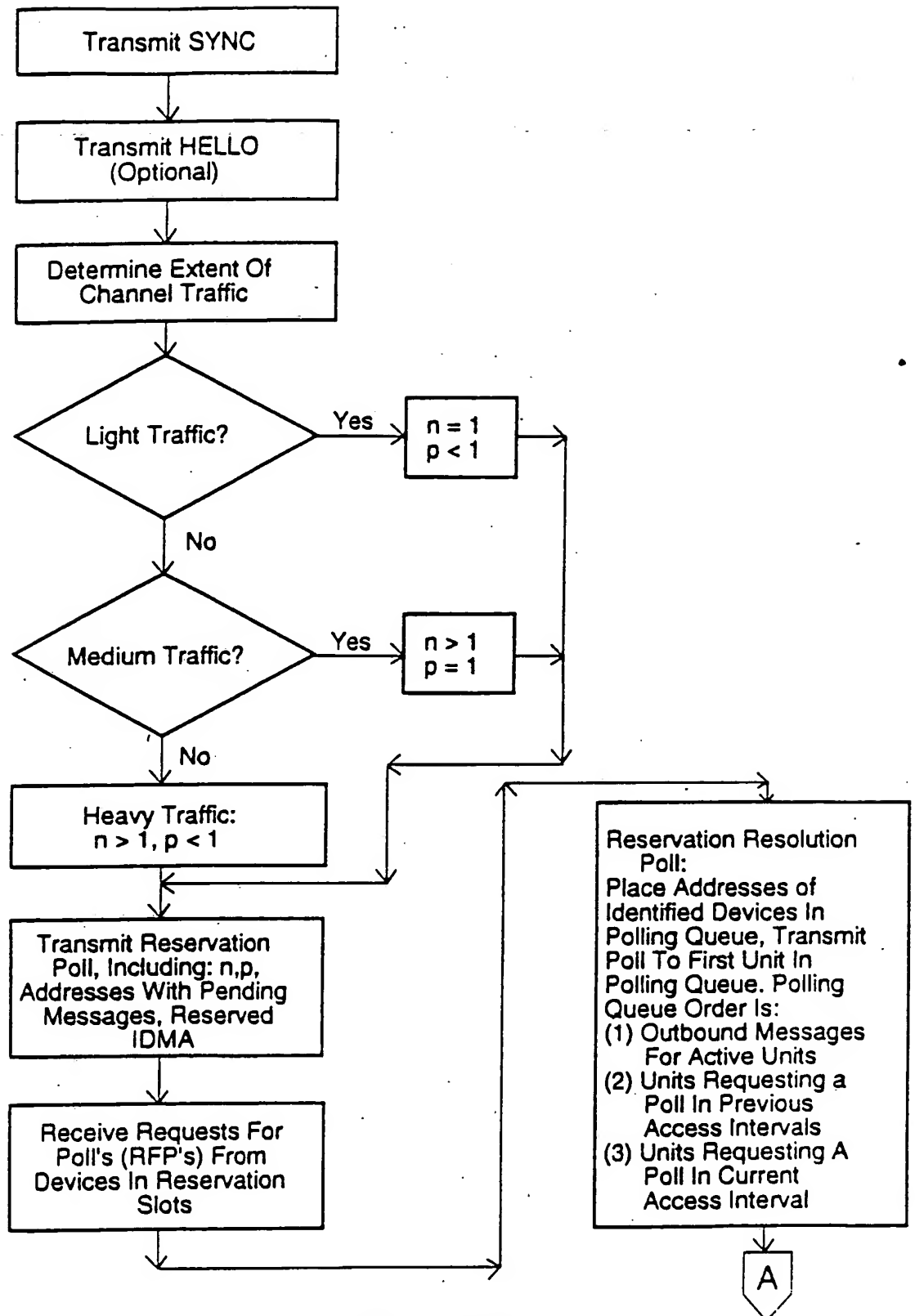


Figure 19a

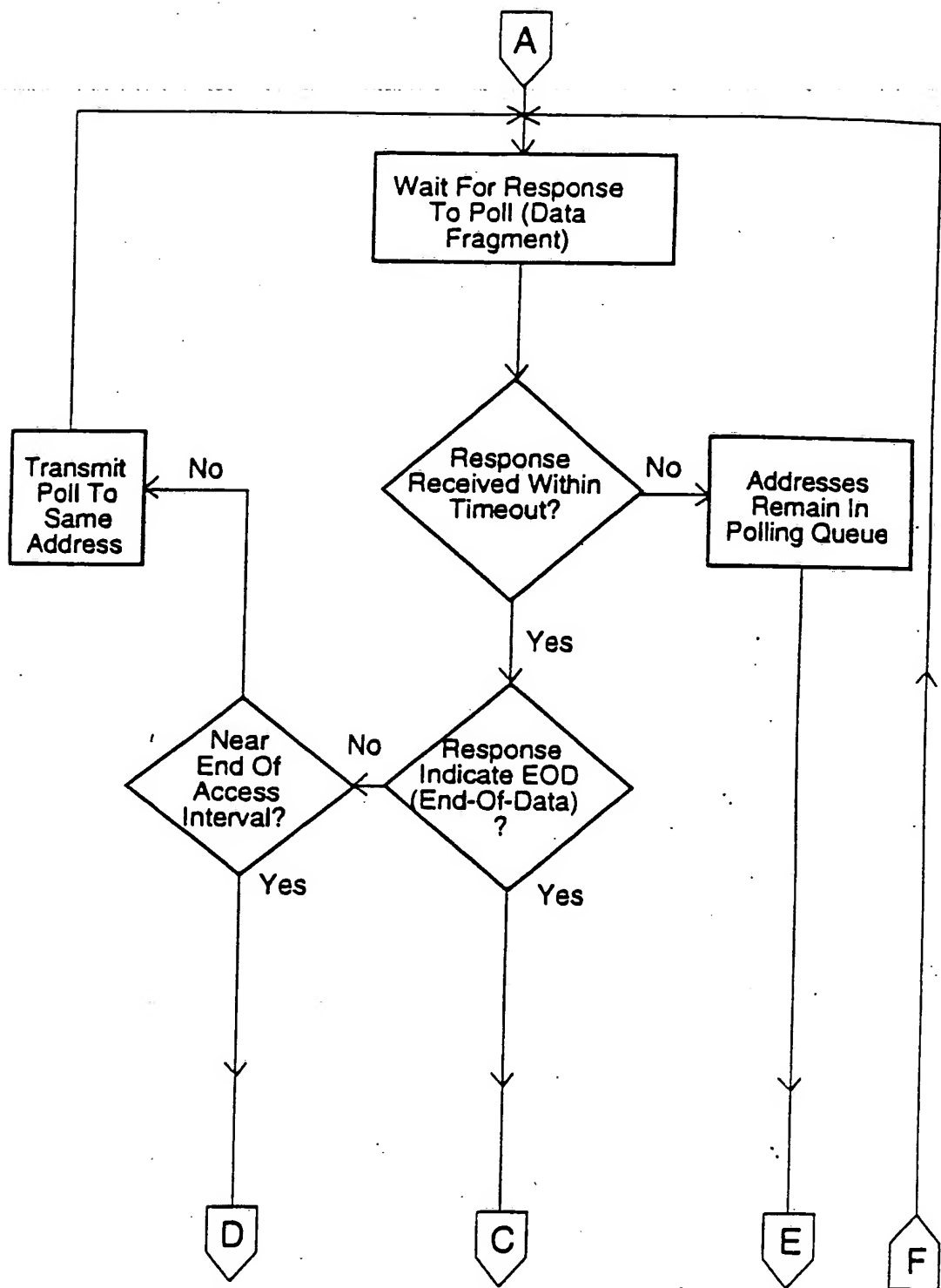


Figure 19b-1



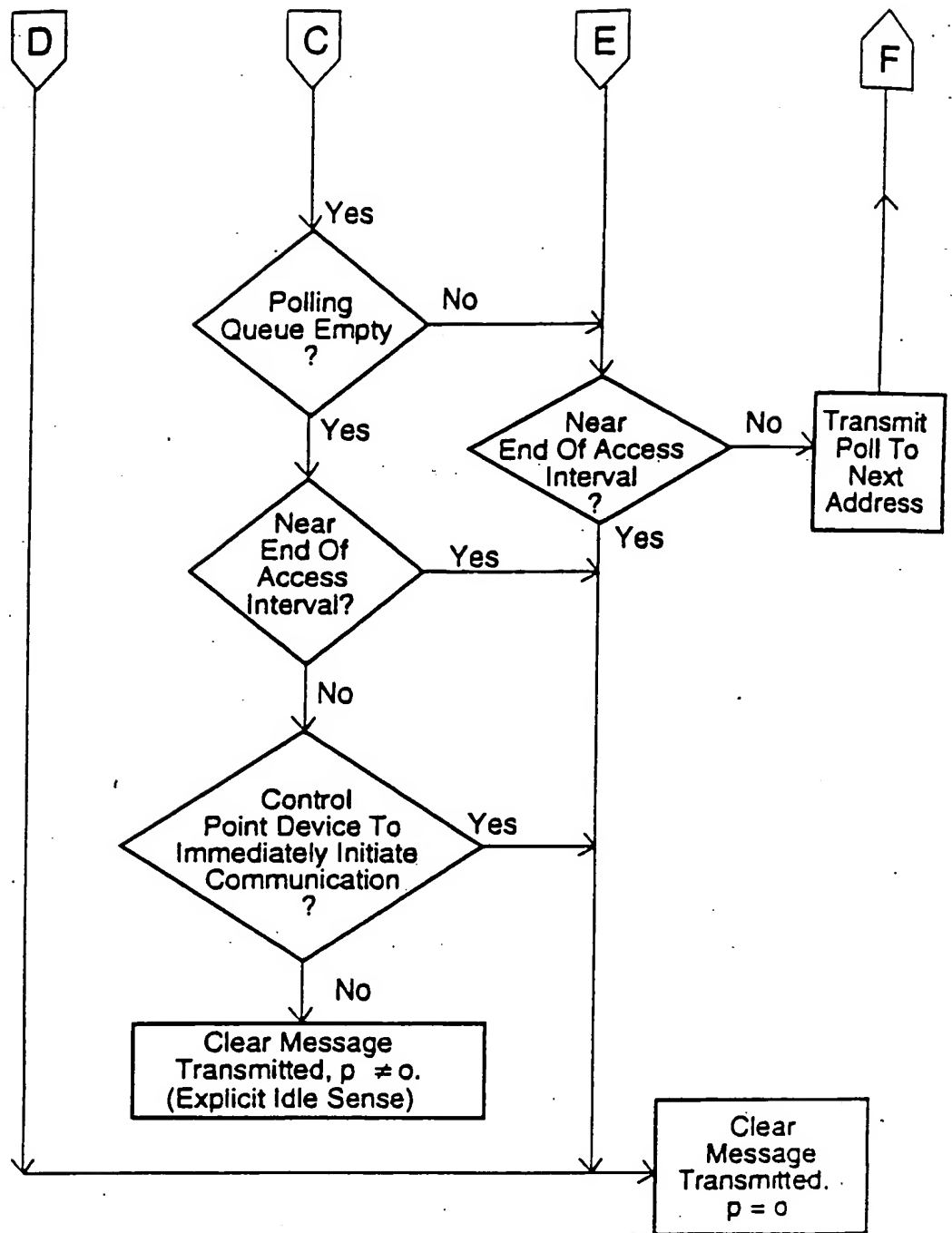


Figure 19b-2

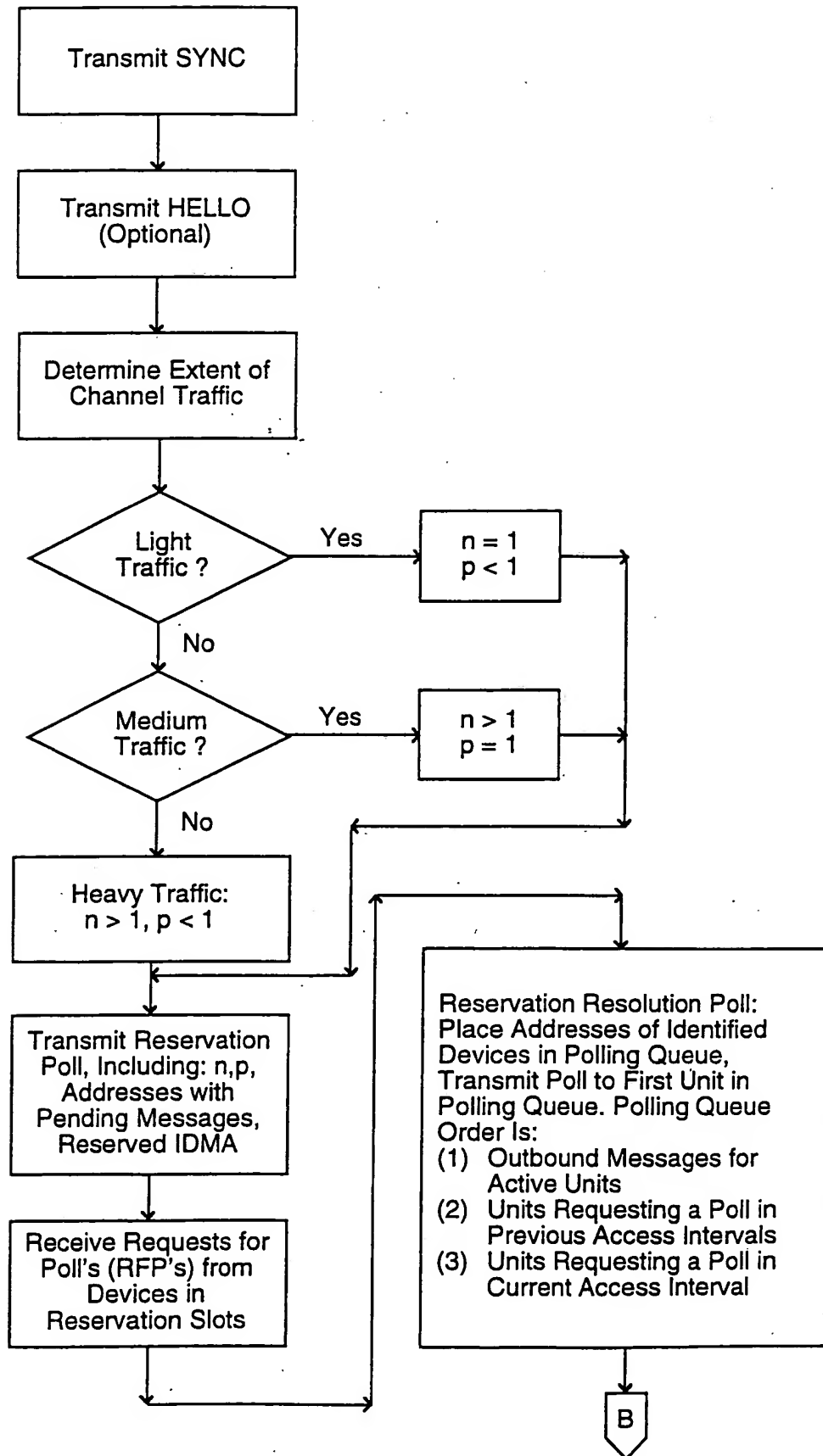


Fig. 20a

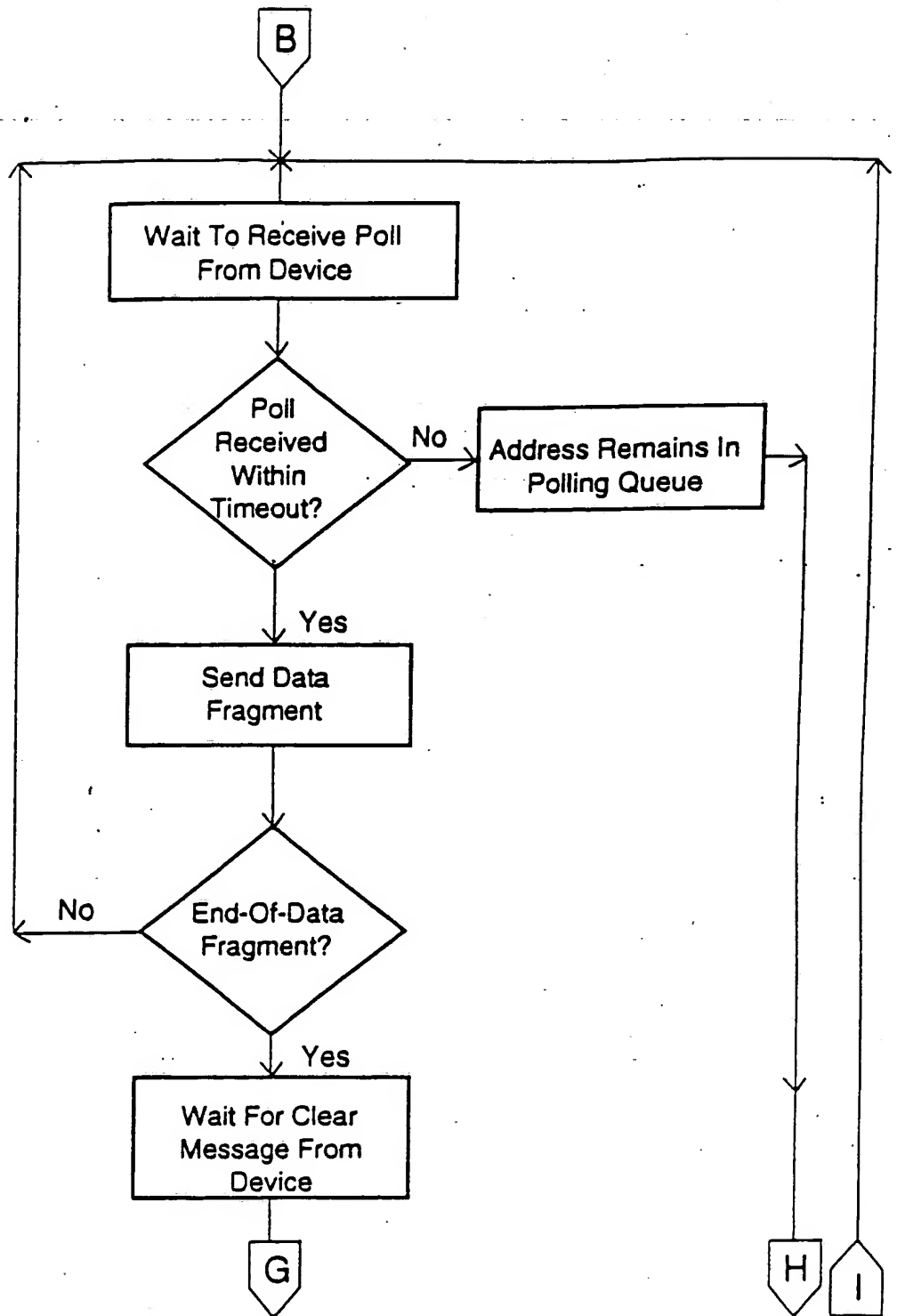


Figure 20b-1

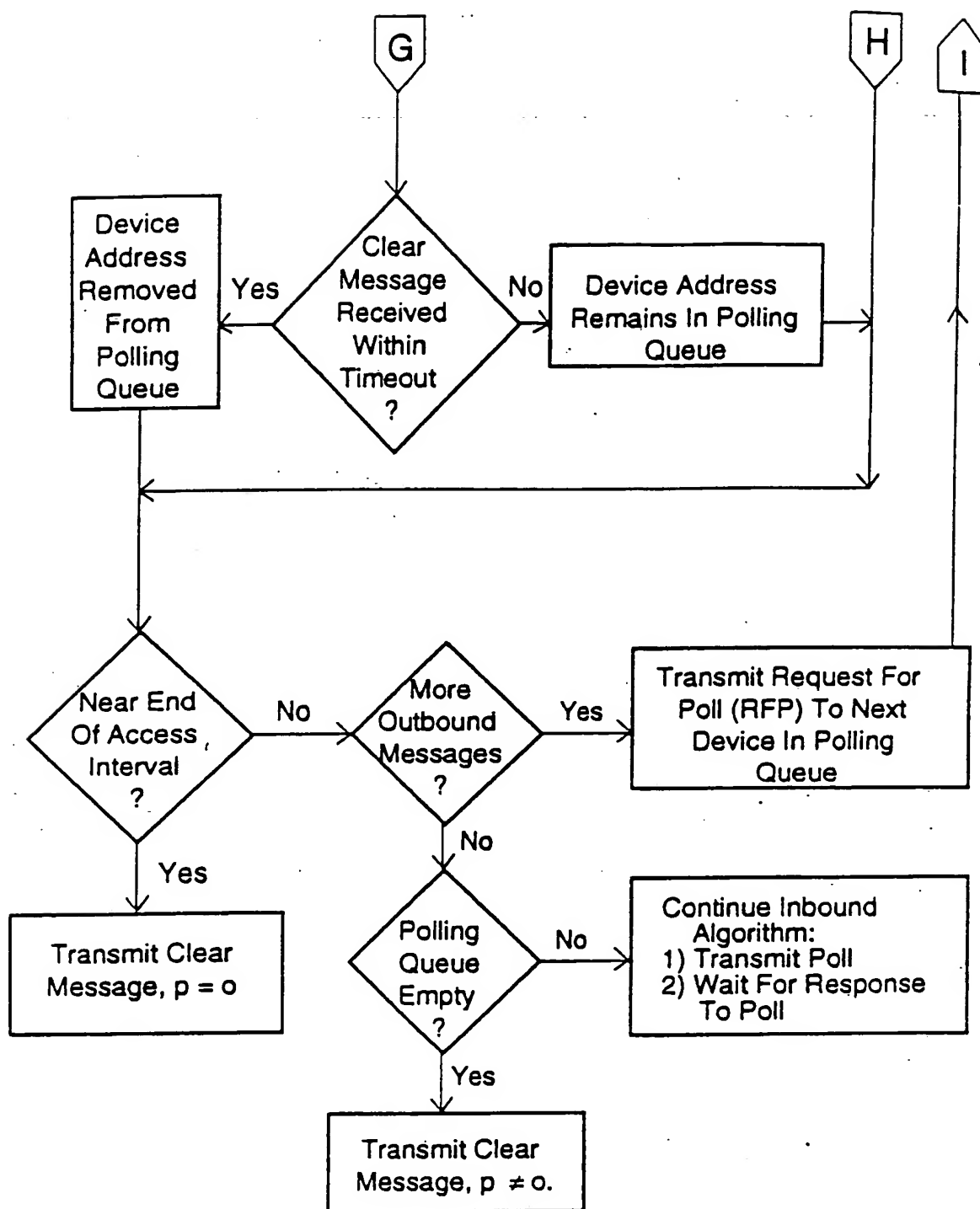
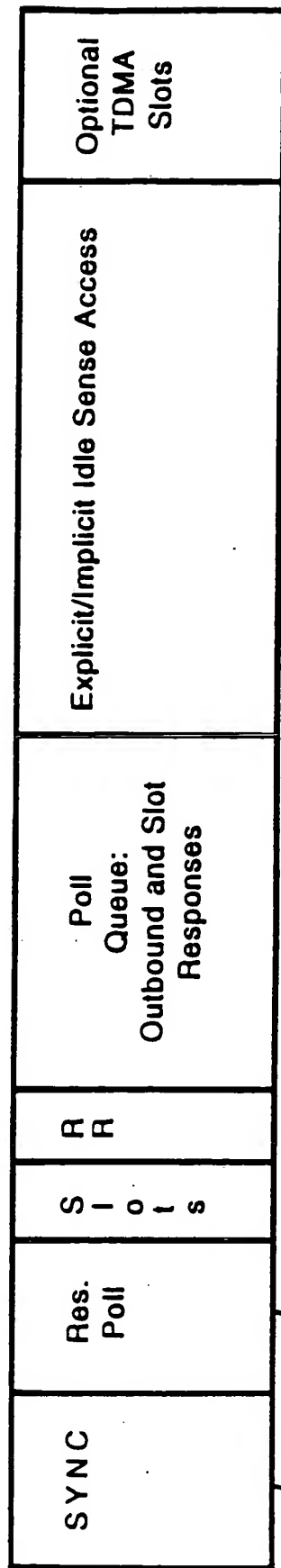


Figure 20b-2

2100



2101

2103

2113

Figure 21

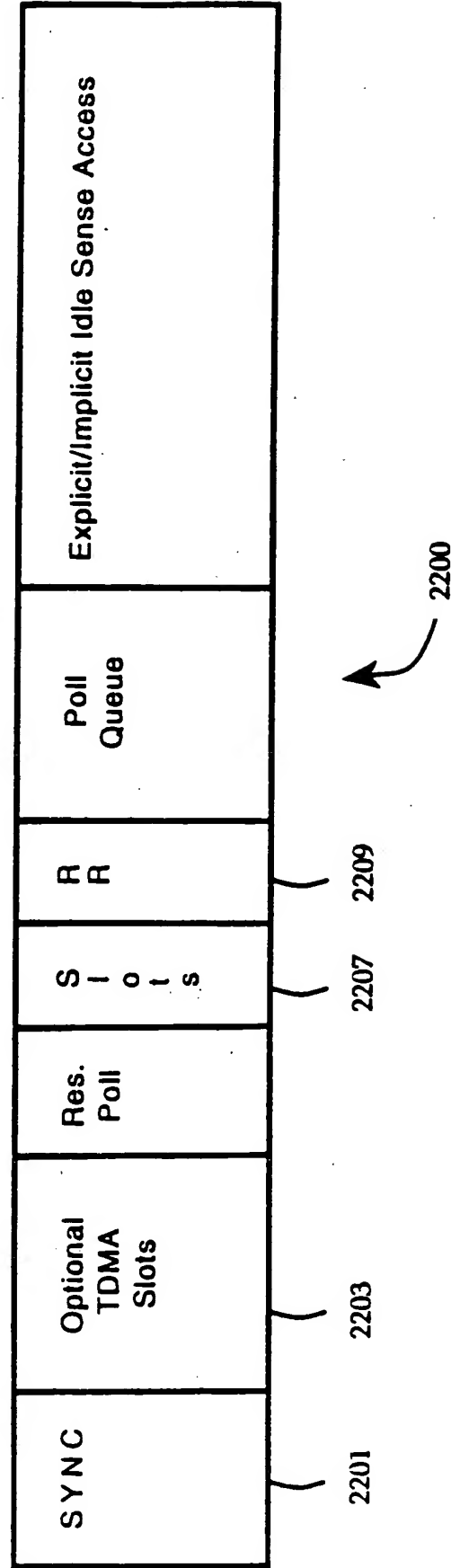


Figure 22

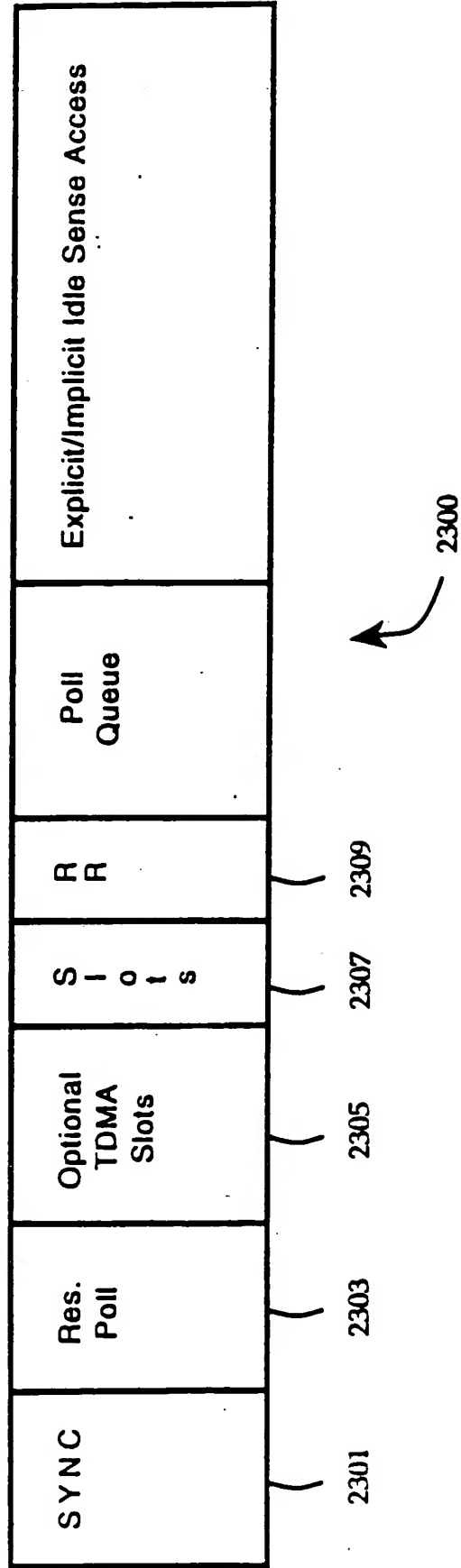


Figure 23

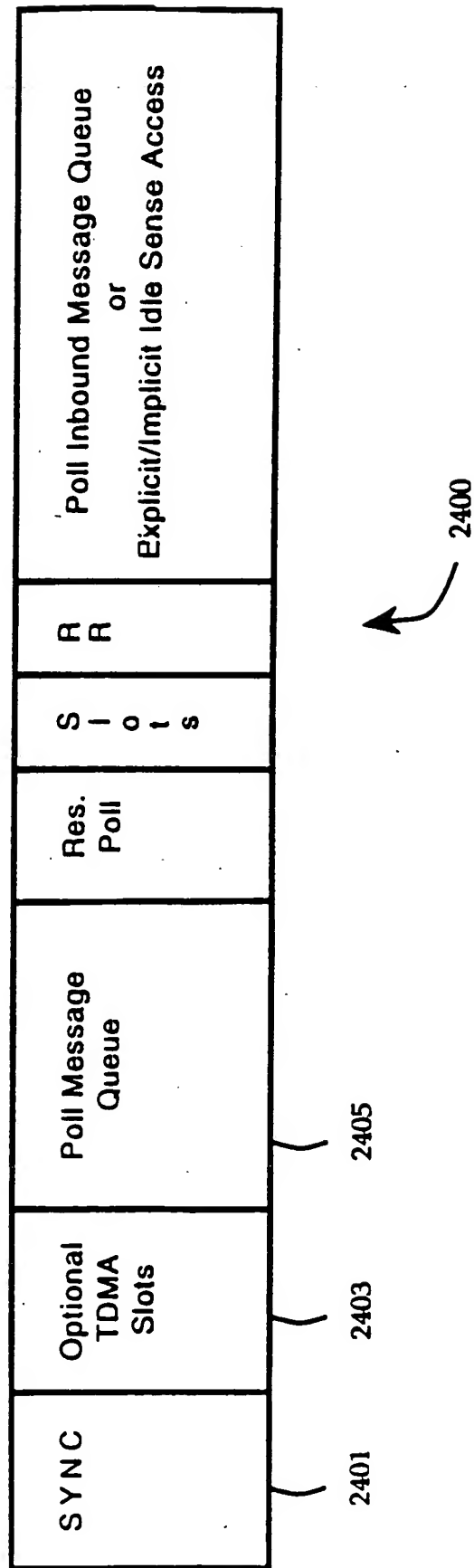


Figure 24





# SYNC

2600

| Byte | Content          | Definition  |
|------|------------------|---|
| 1    | FLAG             | Frame Delimiter   |
| 2    | Dest. Address 1  | Destination Address (SYNC = Broadcast = FFFF <sub>H</sub> )   |
| 3    | Dest. Address 2  | Destination Address, 2nd Byte                                 |
| 4    | TYPE             | Message Type=SYNC, Priority Sync, or Priority SYNC with HELLO |
| 5    | Source Address 1 | Control Point Address   |
| 6    | Source Address 2 | Control Point Address, 2nd Byte                               |
| 7*   | SYSTEM ID        | System Identifier (LAN ID)                                    |
| 8*   | NET ID           | Net ID  |
| 9*   | Command/Status 1 | Control Point Status  |
|      |                  | 2 Bits Control Point Type                                     |
|      |                  | 2 Bits Loading Factor   |
|      |                  | 1 Bit Scheduled Service Availability                          |
|      |                  | 3 Bits Reserved   |
| 10*  | Command/Status 2 | Scheduled Services  |
|      |                  | 5 Bits Number of Allocated TDMA Time Slots                    |
|      |                  | 3 Bits Number of Available Time Slots                         |
| 11*  | Random           | Randomly Selected Character for Improved Encryption           |
| 12   | CRC 1            | Error Check   |
| 13   | CRC 2            | Error Check   |
| 14   | FLAG             | Frame Delimiter   |

Figure 26

\*Optionally Encrypted Bytes

Reservation Poll 2700

| Byte | Content         | Definition   |
|------|-----------------|--|
| 1    | FLAG            | Frame Delimiter  |
| 2    | Dest. Address 1 | Destination Address (RES = Broadcast = FFFF <sub>H</sub> ) |
| 3    | Dest. Address 2 | Destination Address, 2nd Byte                              |
| 4    | TYPE            | Message Type = RES POLL                                    |
| 5    | SLOT PARMS      | 3 Bits Number of Slots                                     |
| 6    |                 | 5 Bits Probability Factor                                  |
| 7*   | Sequence        | Hopping Sequence ID  |
| 8*   | Index           | Hopping Sequence Index                                     |
| 9*   | NET PARMS       |  |
|      |                 | 3 Bits Hop Rate  |
|      |                 | 2 Bits AI's per Hop  |
|      |                 | 3 Bits Reserved  |
| 10   | CRC 1           | Error Check  |
| 11   | CRC 2           | Error Check  |
| 12   | FLAG            | Frame Delimiter  |

Figure 27

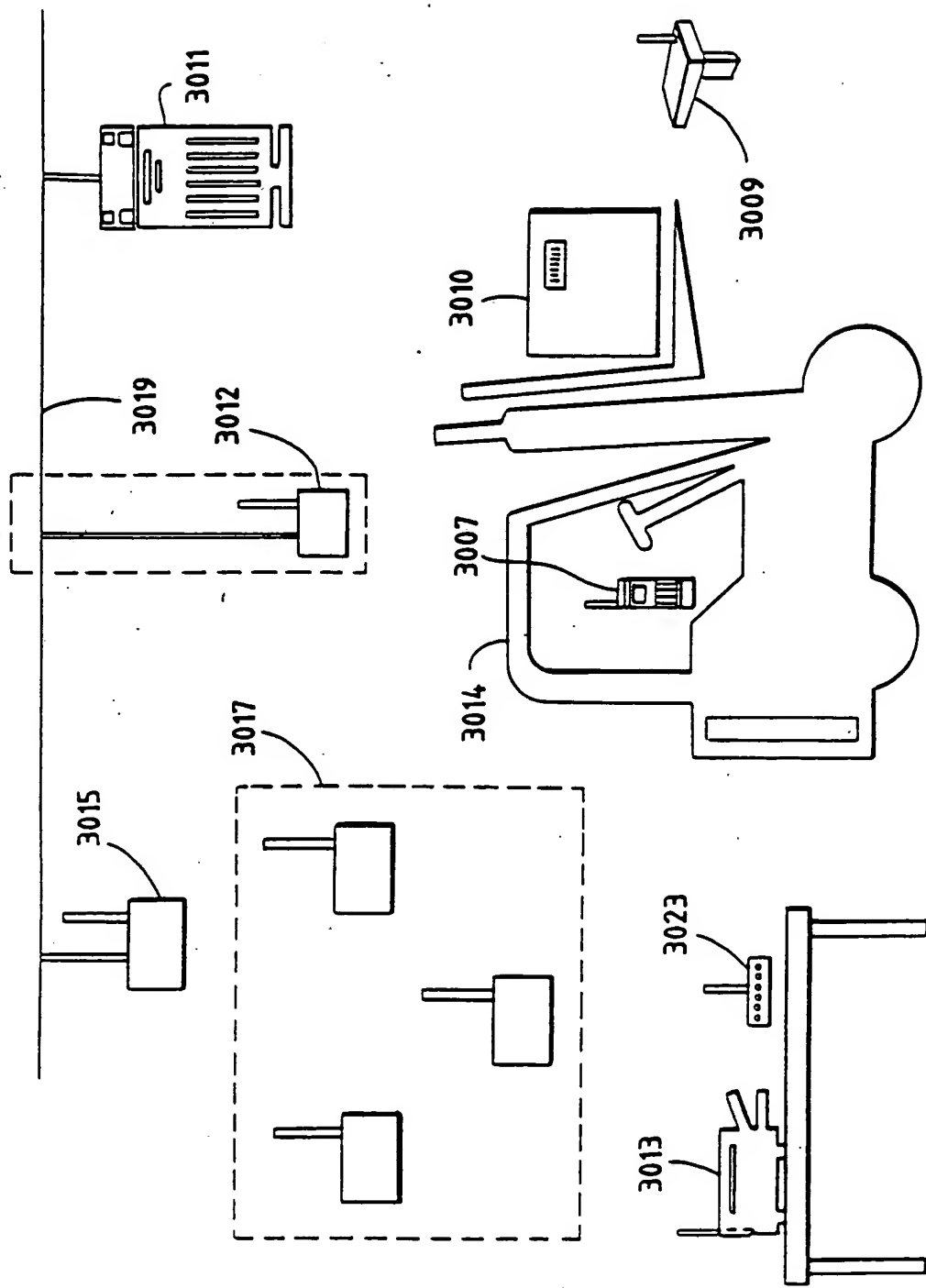


Fig. 28A

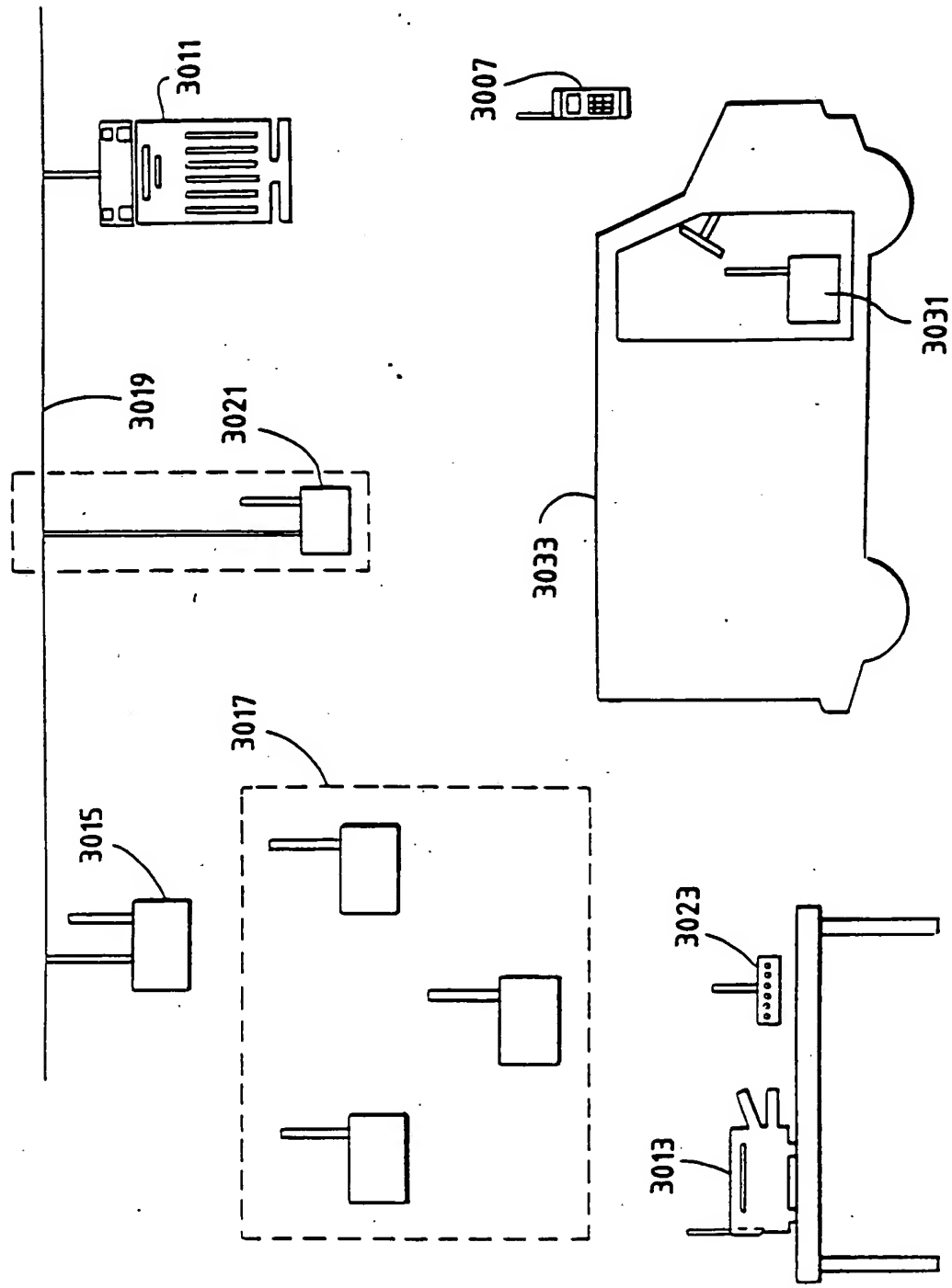


Fig. 28b

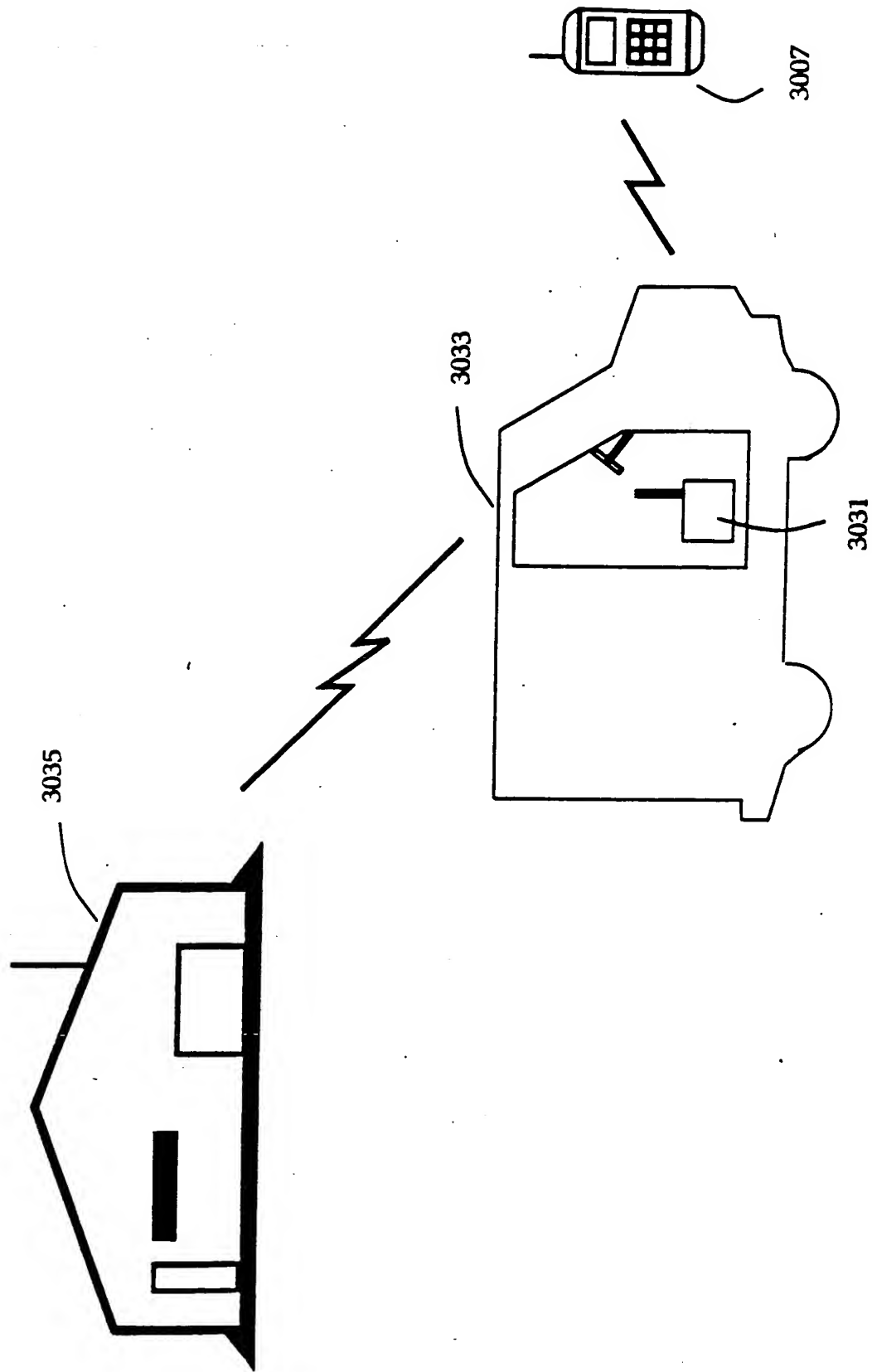


Figure 28C

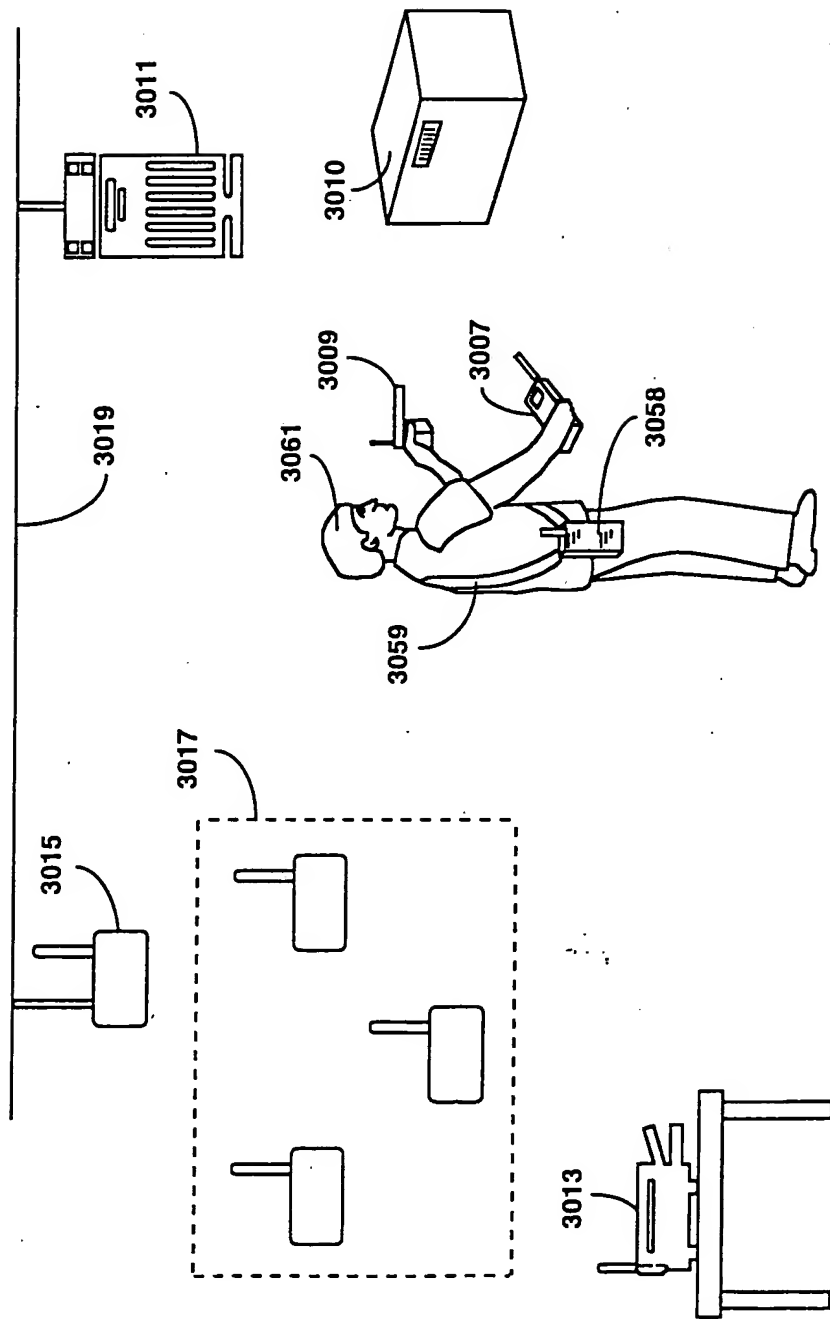
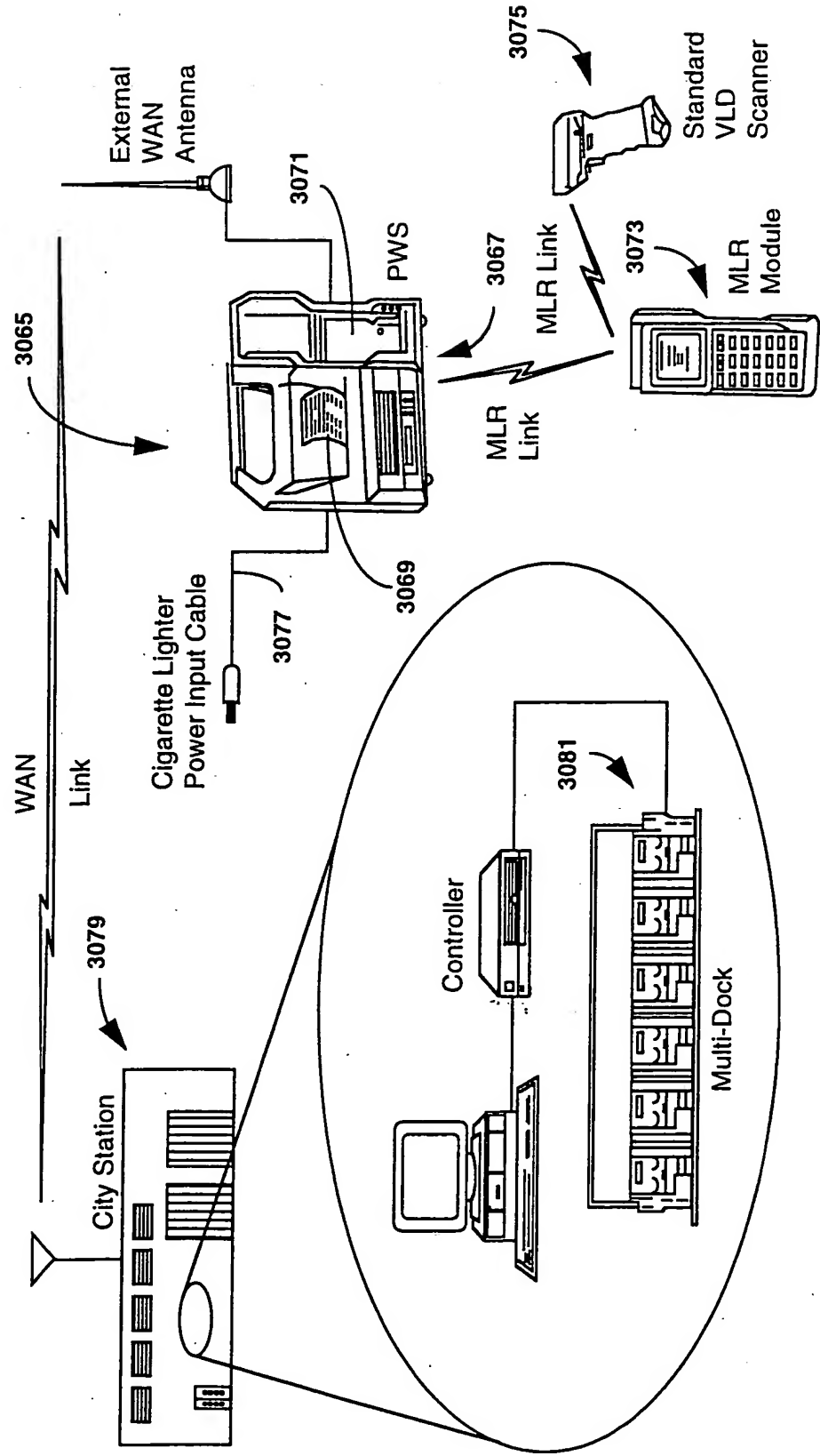


Fig. 29A



**Fig. 29B**



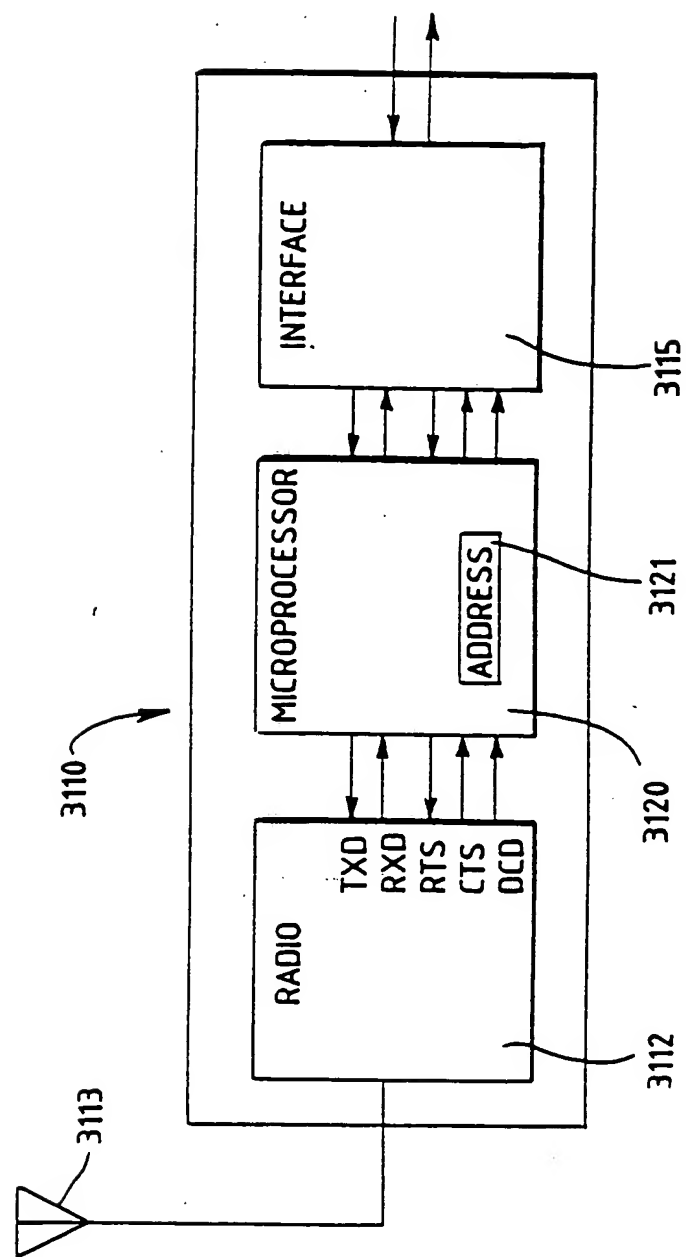


Fig. 30

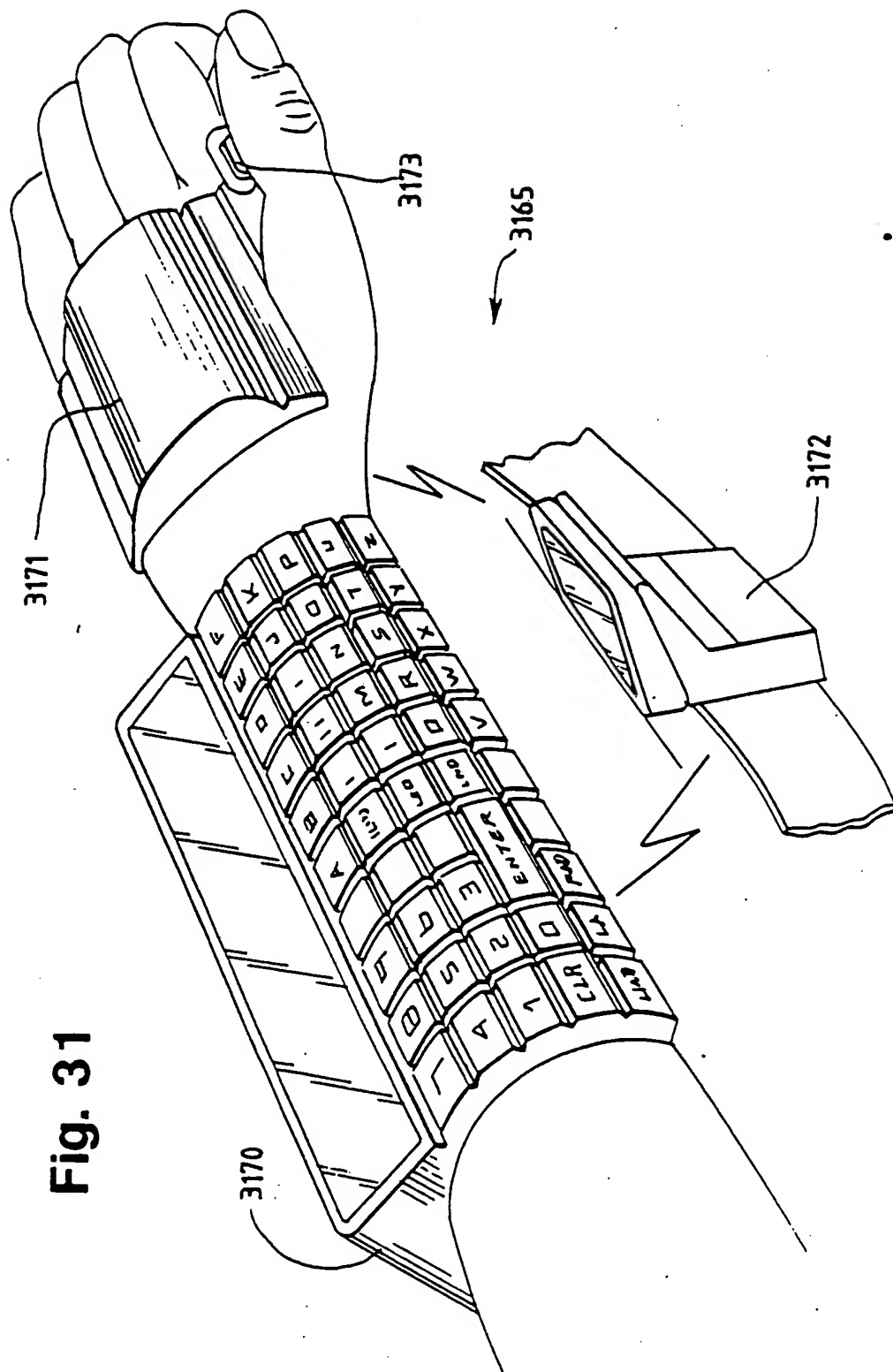
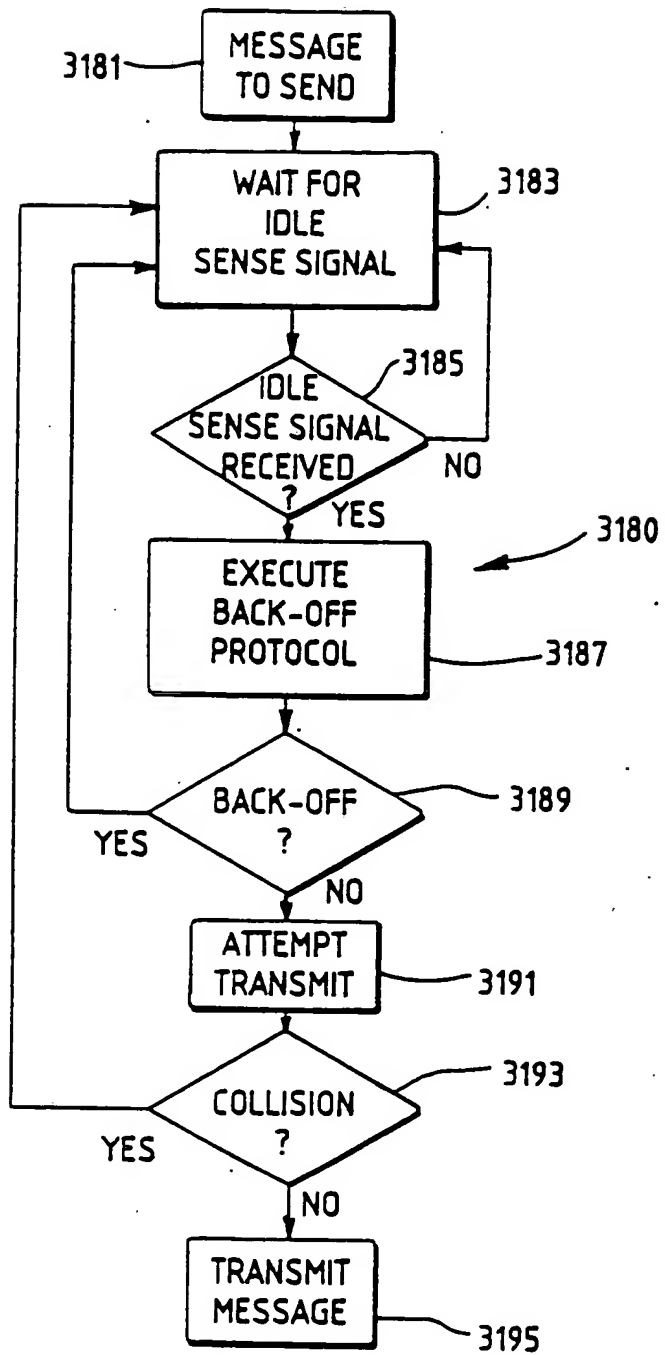
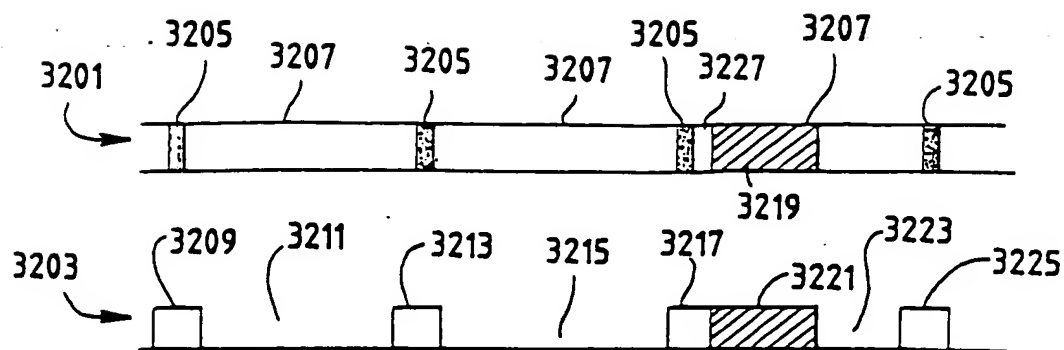


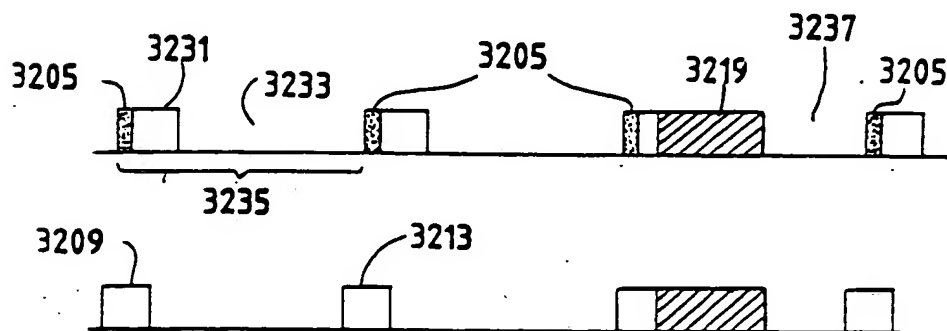
Fig. 31

**Fig. 32**

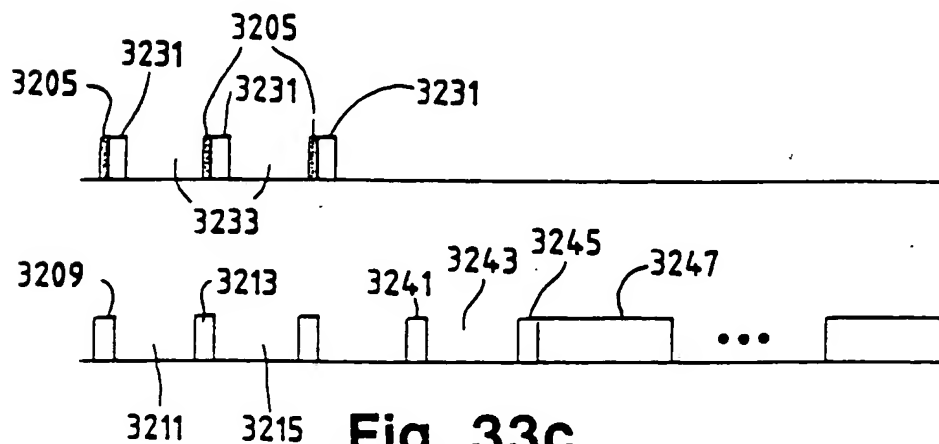




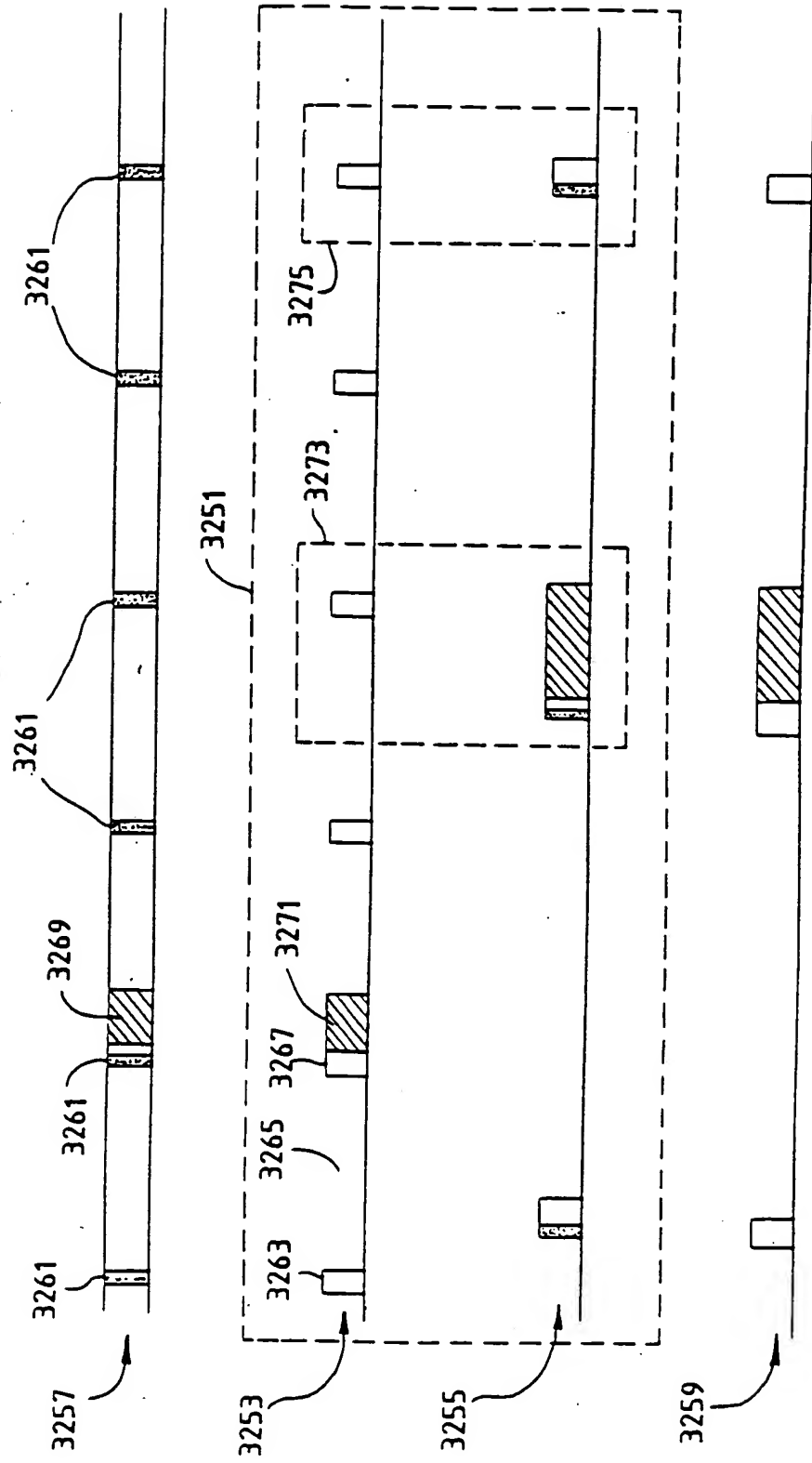
**Fig. 33a**



**Fig. 33b**



**Fig. 33c**



**Fig. 34**

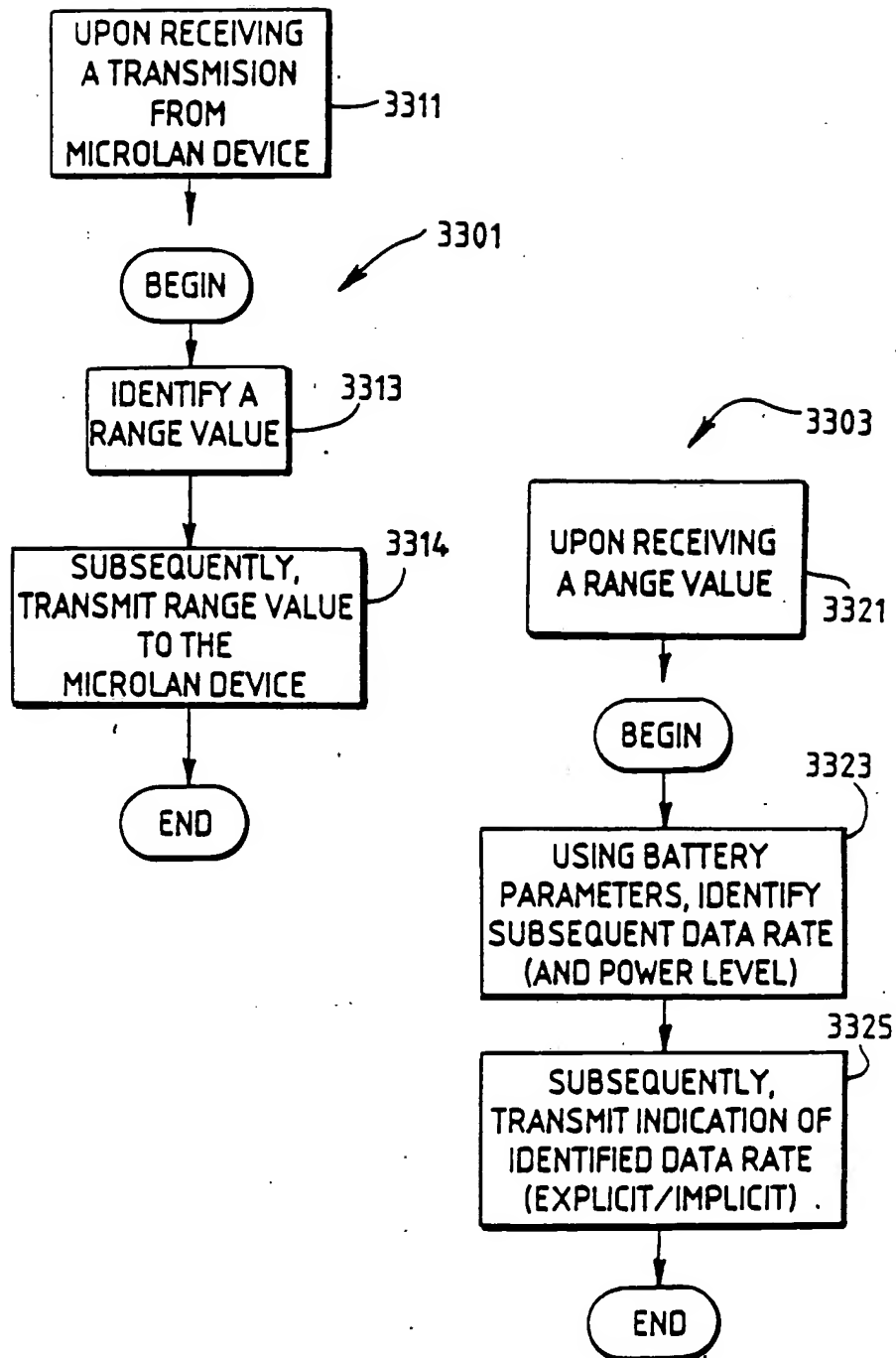
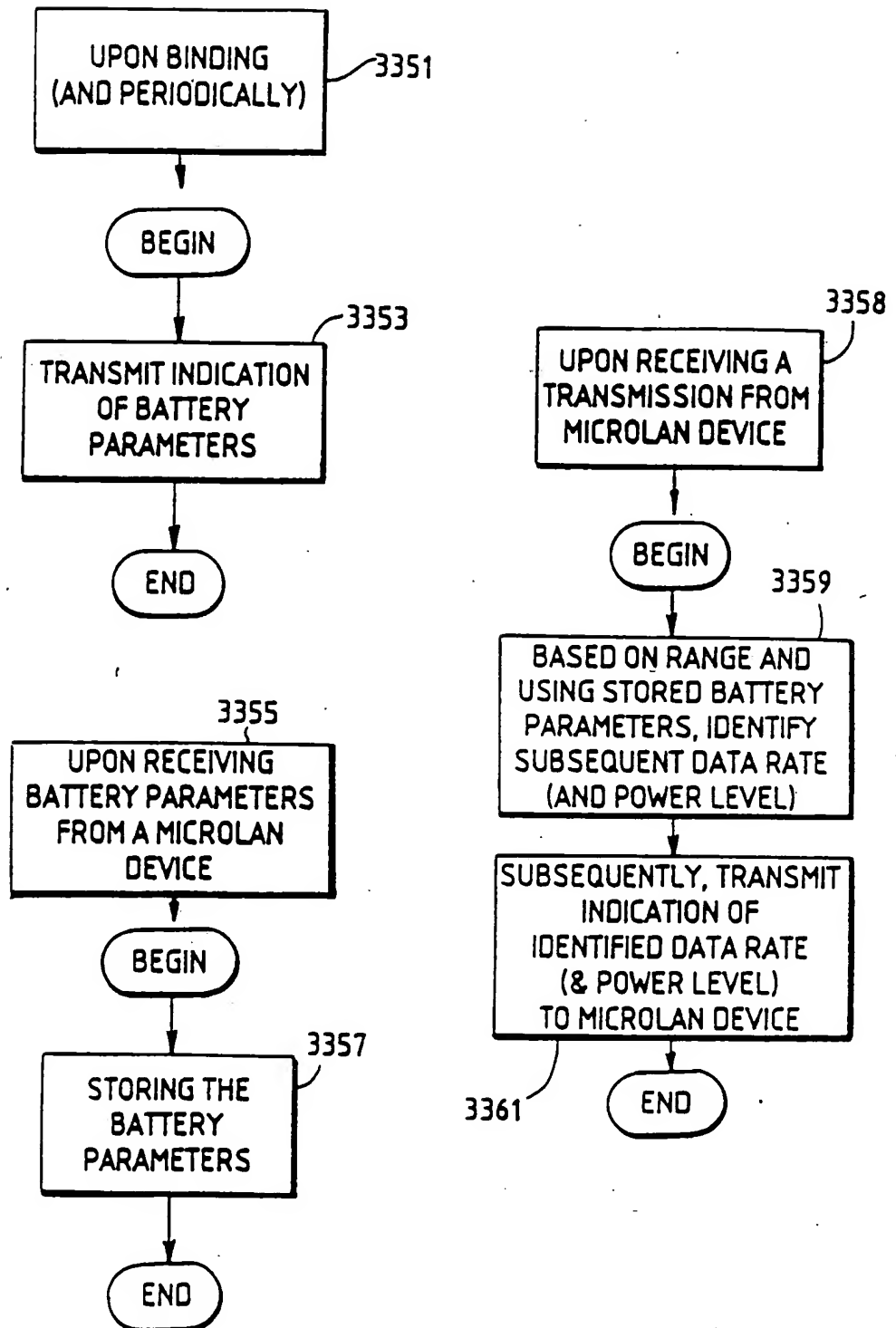


Fig. 35

Fig. 36



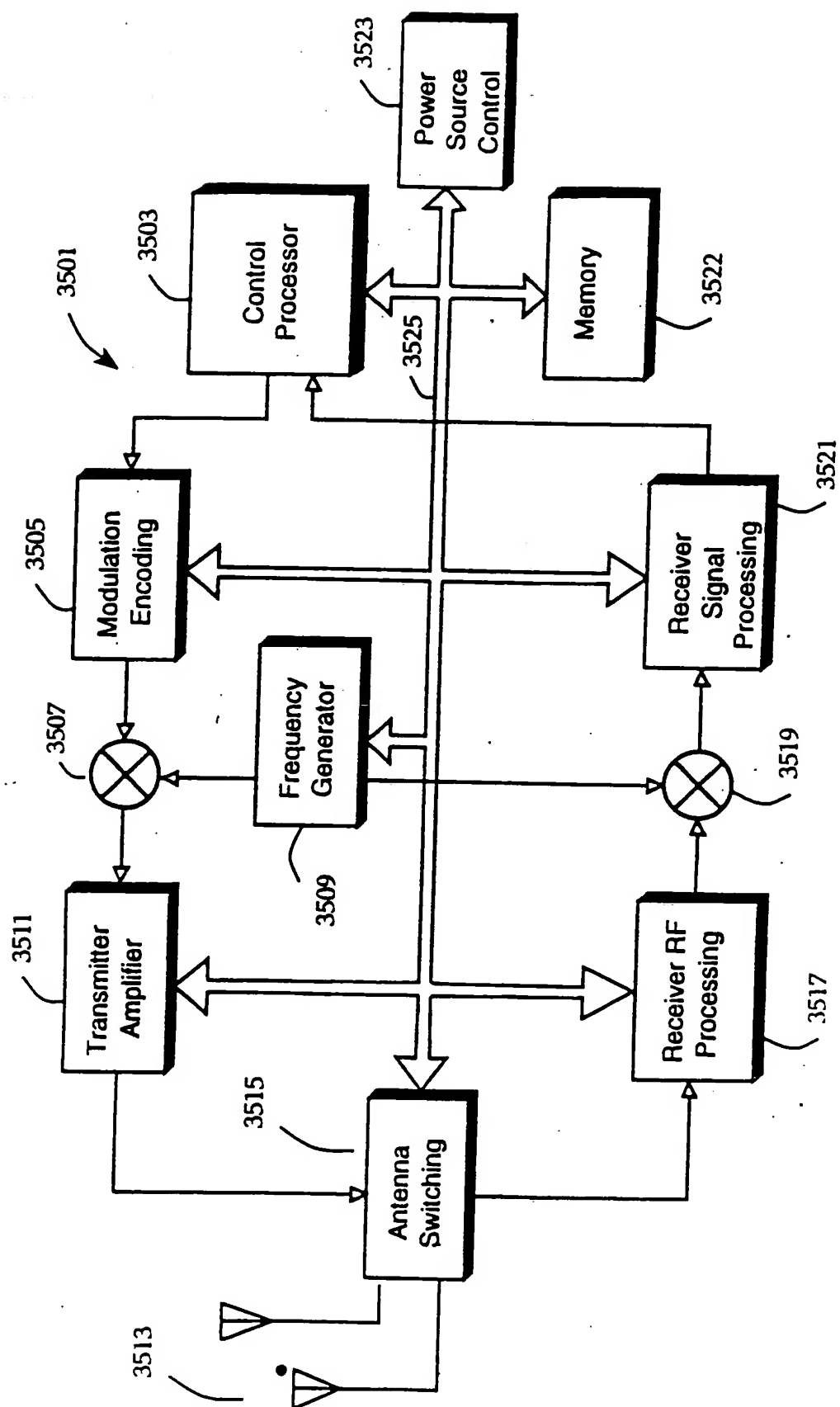


Figure 37



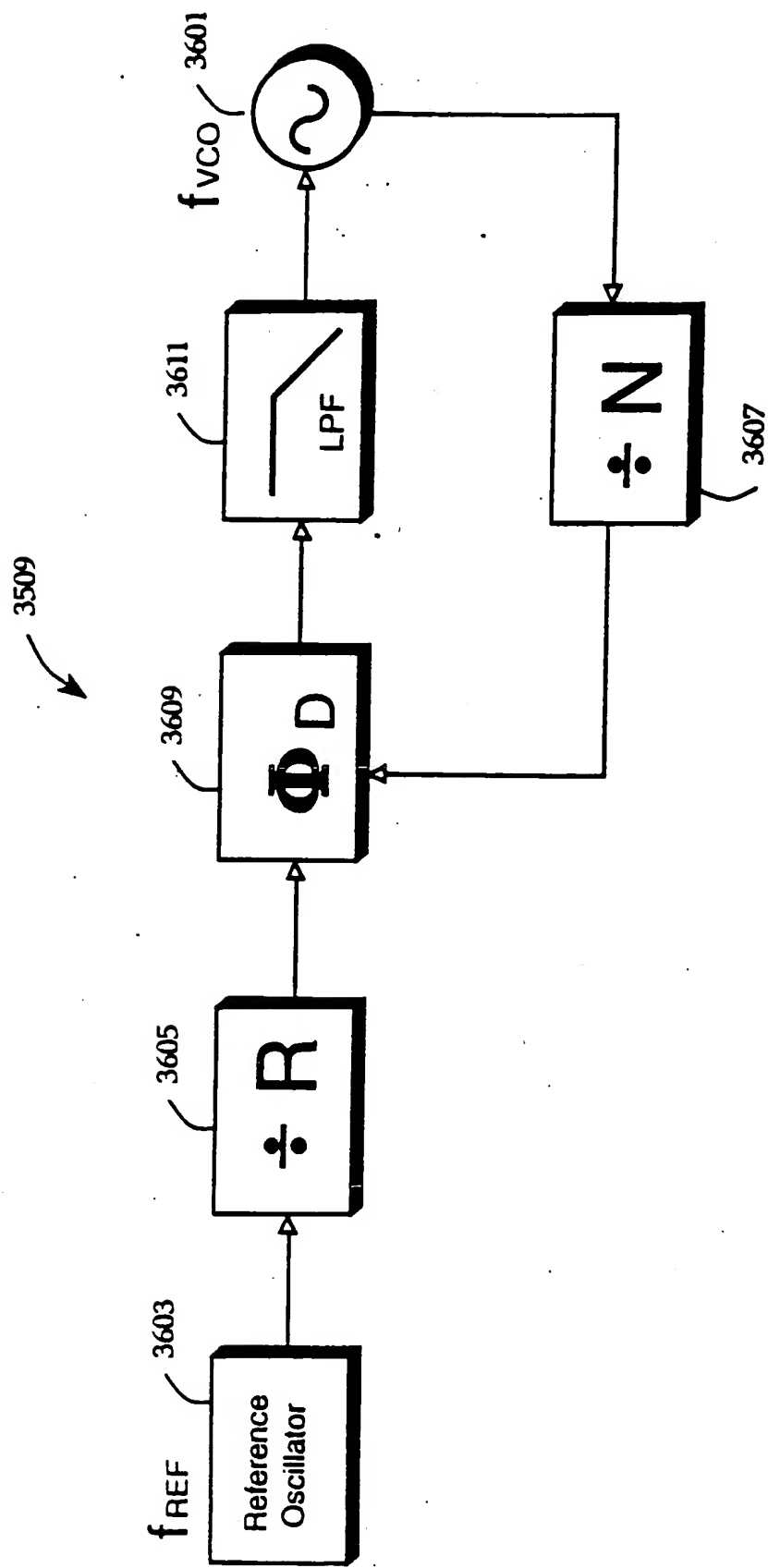


Figure 38

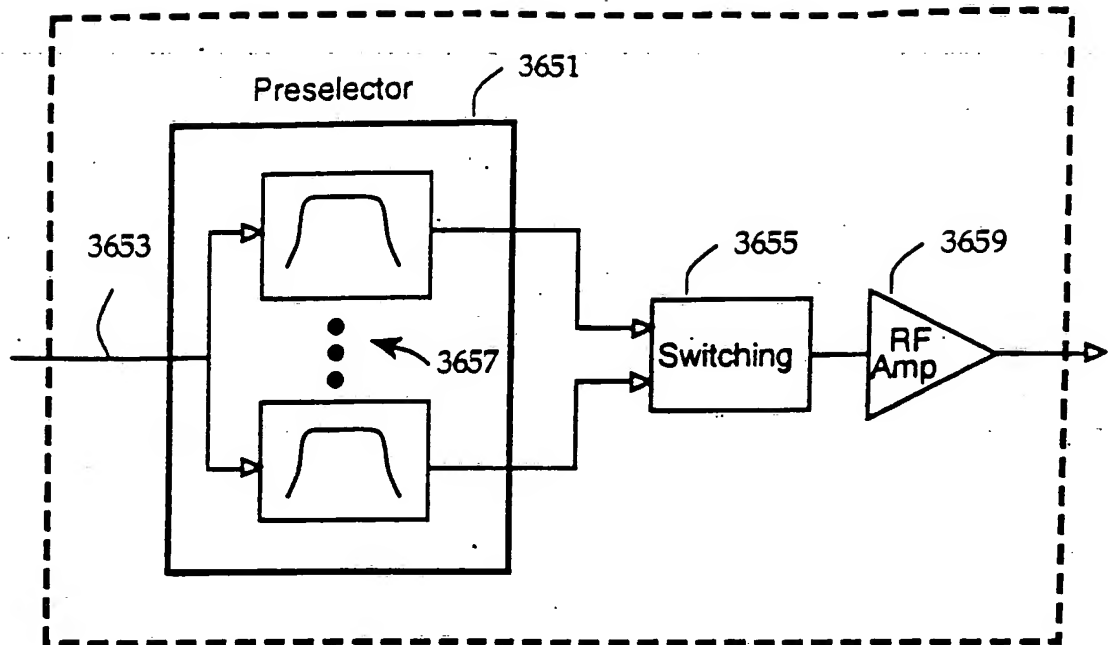


Figure 39

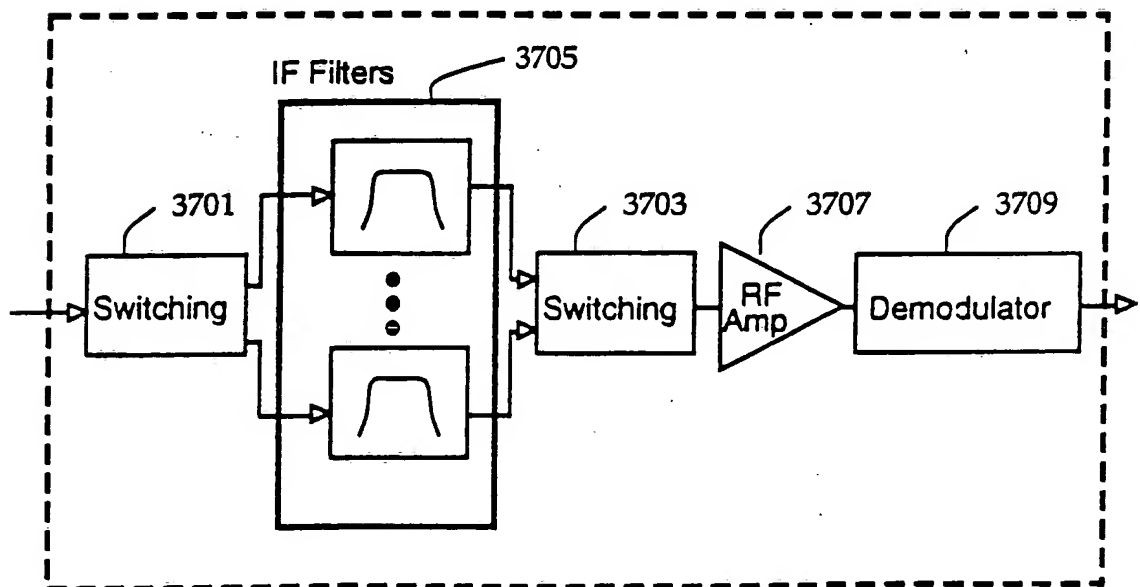


Figure 40

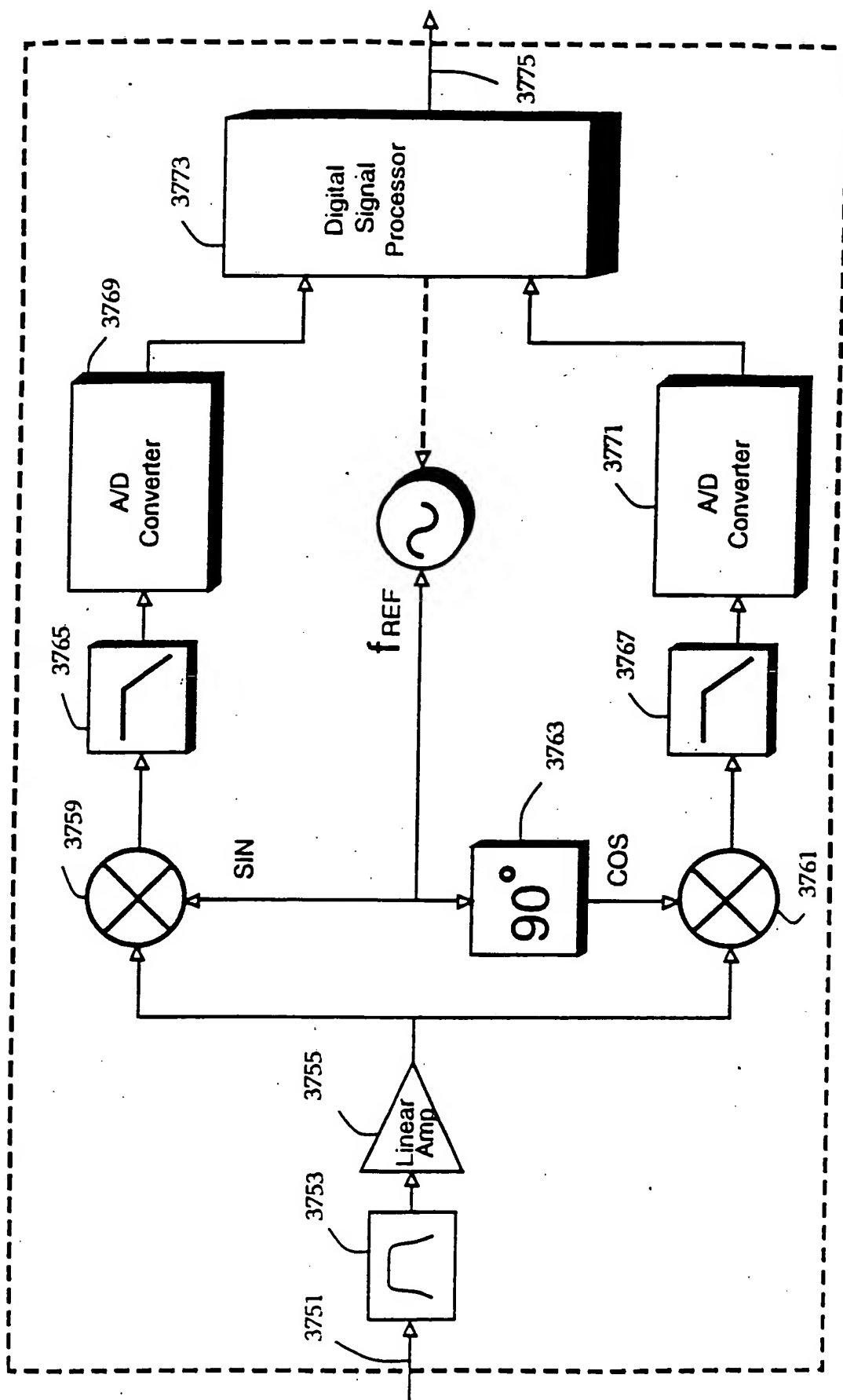


Figure 41

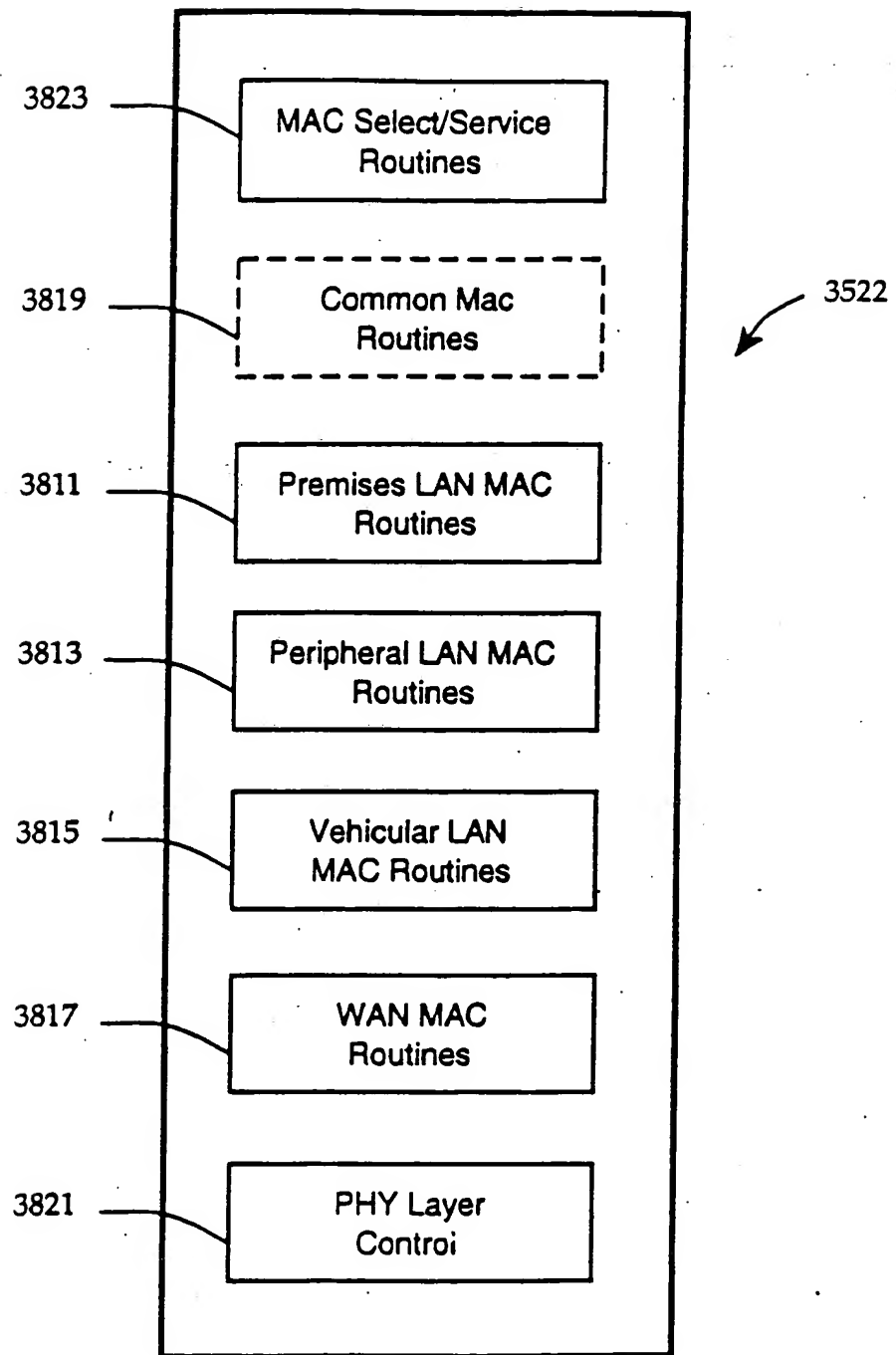


Figure 42

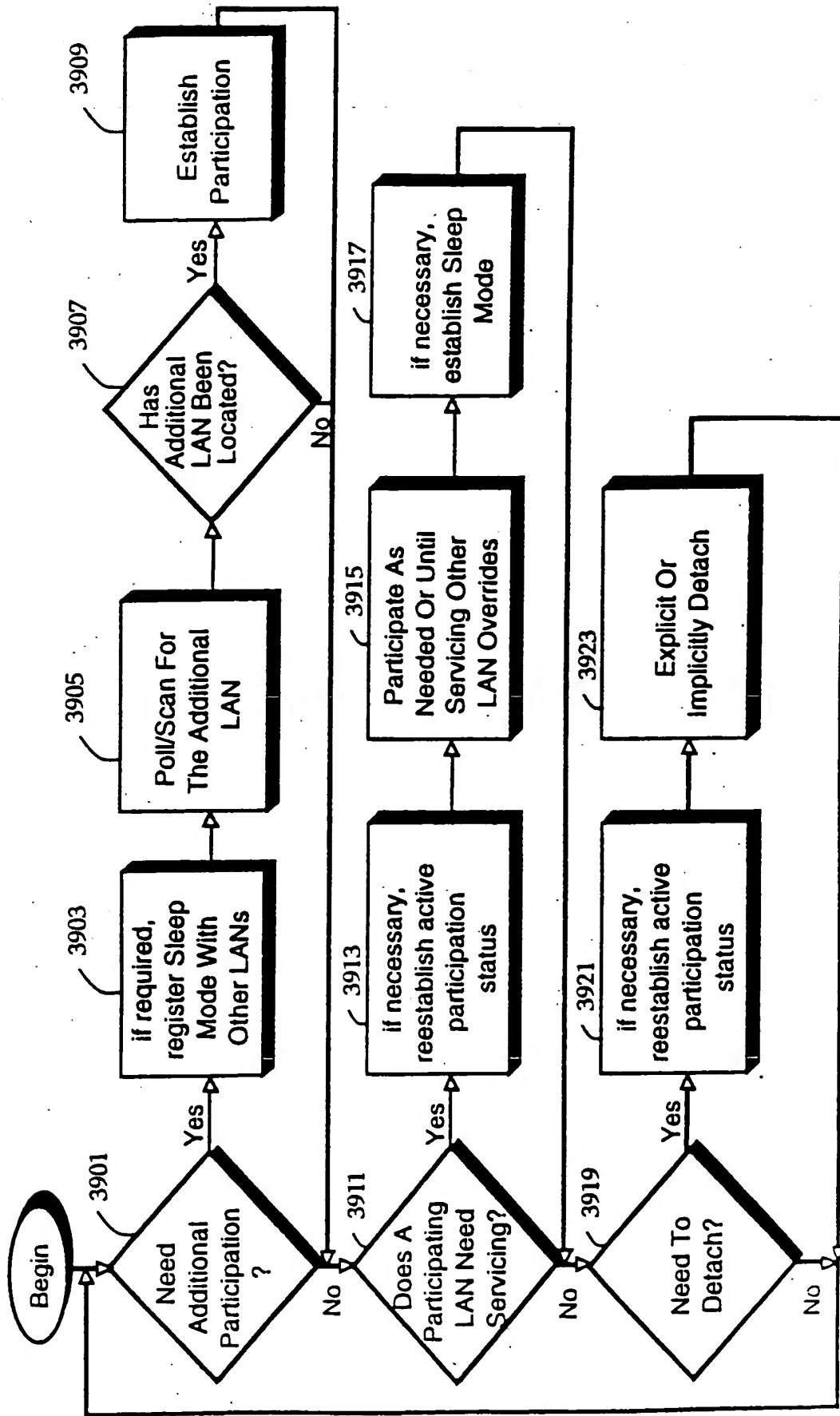


Figure 43

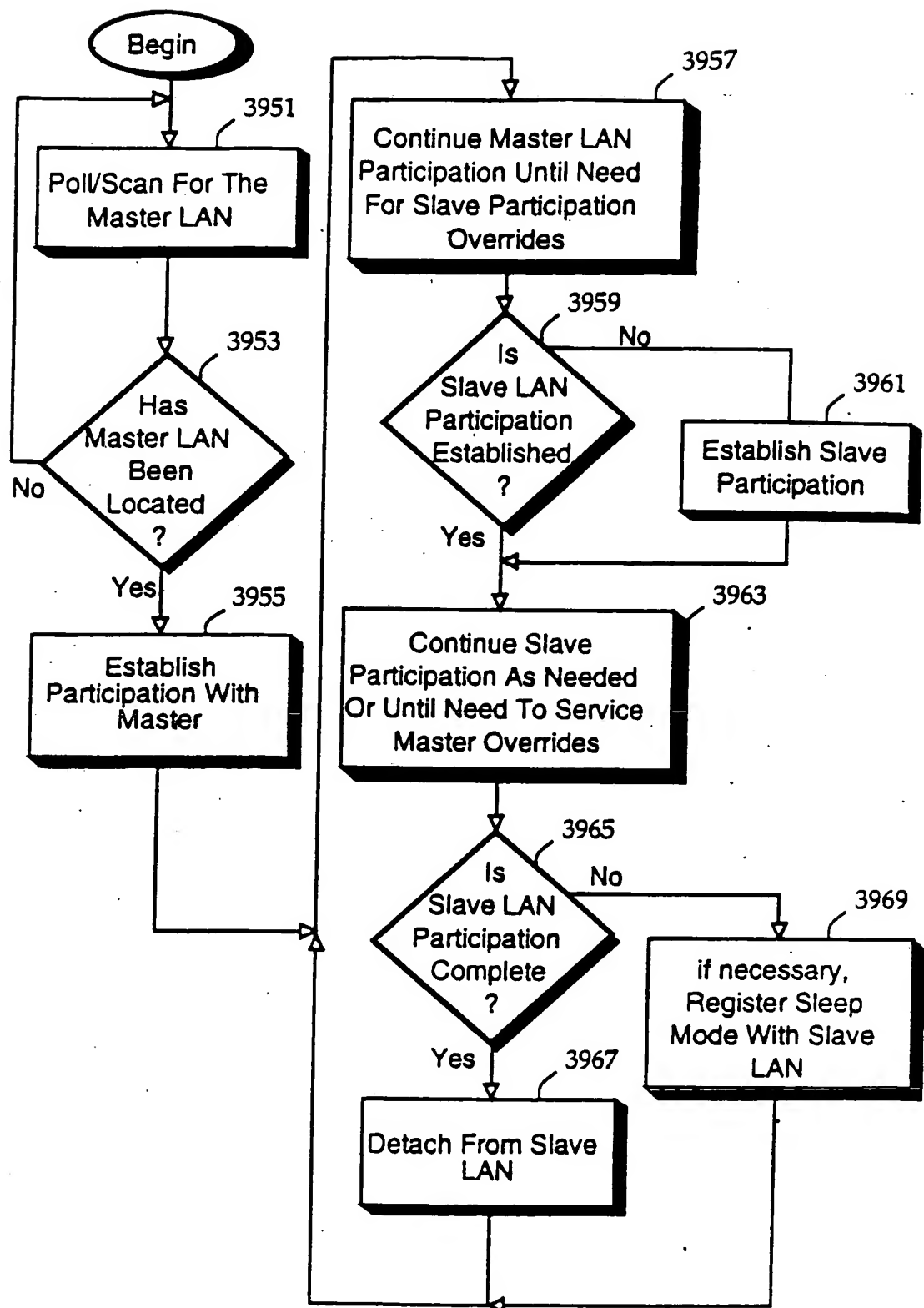


Figure 44

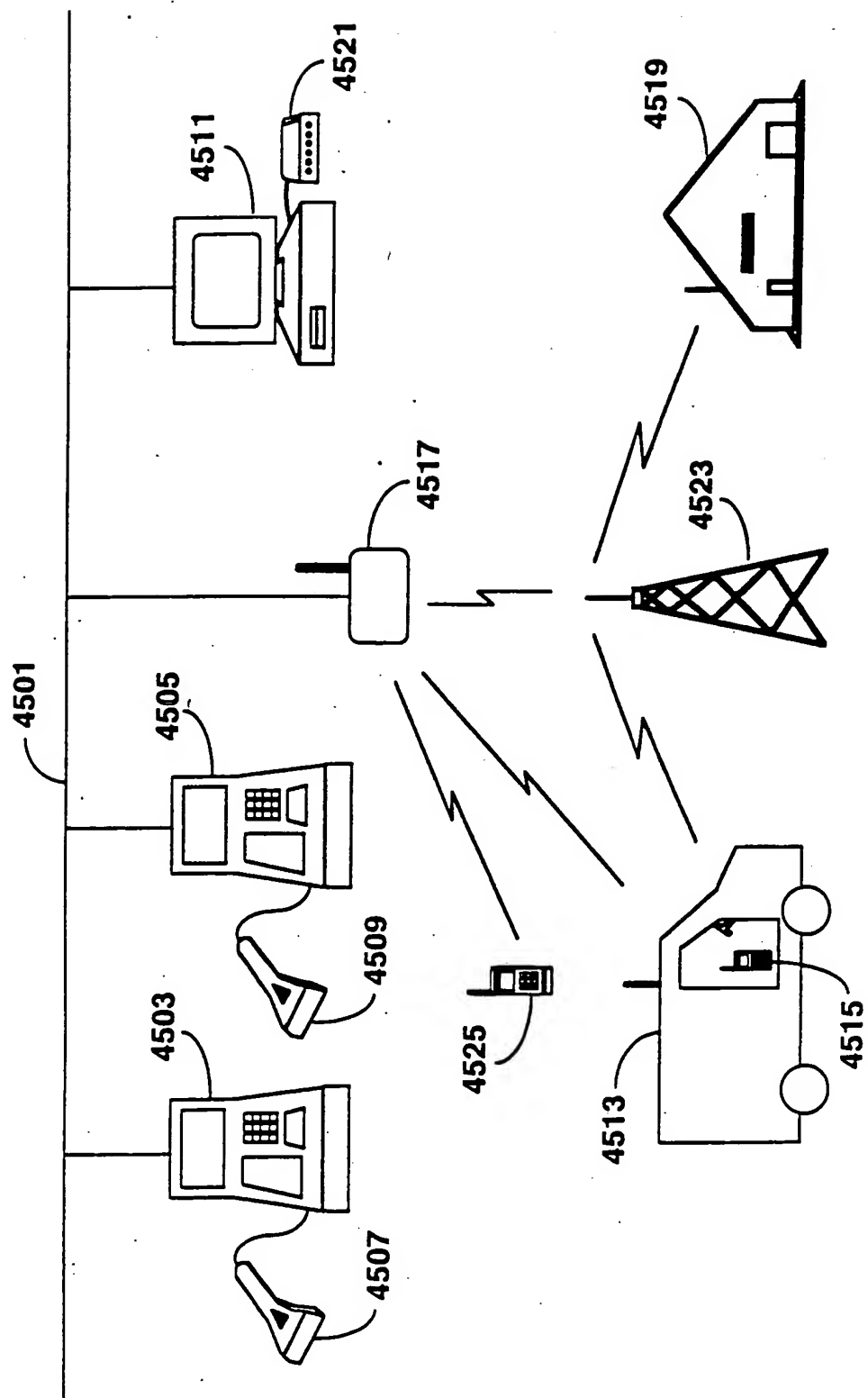
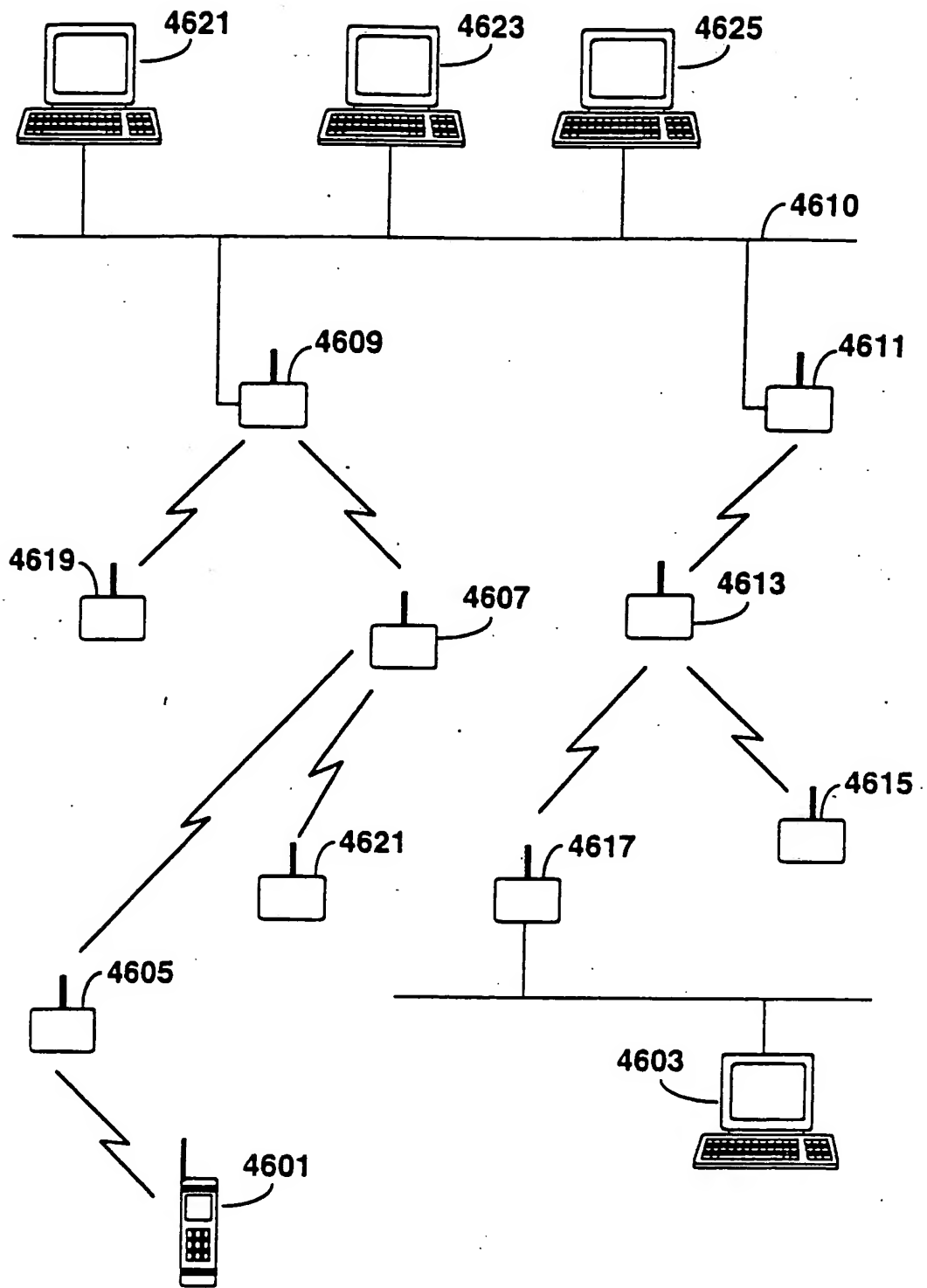
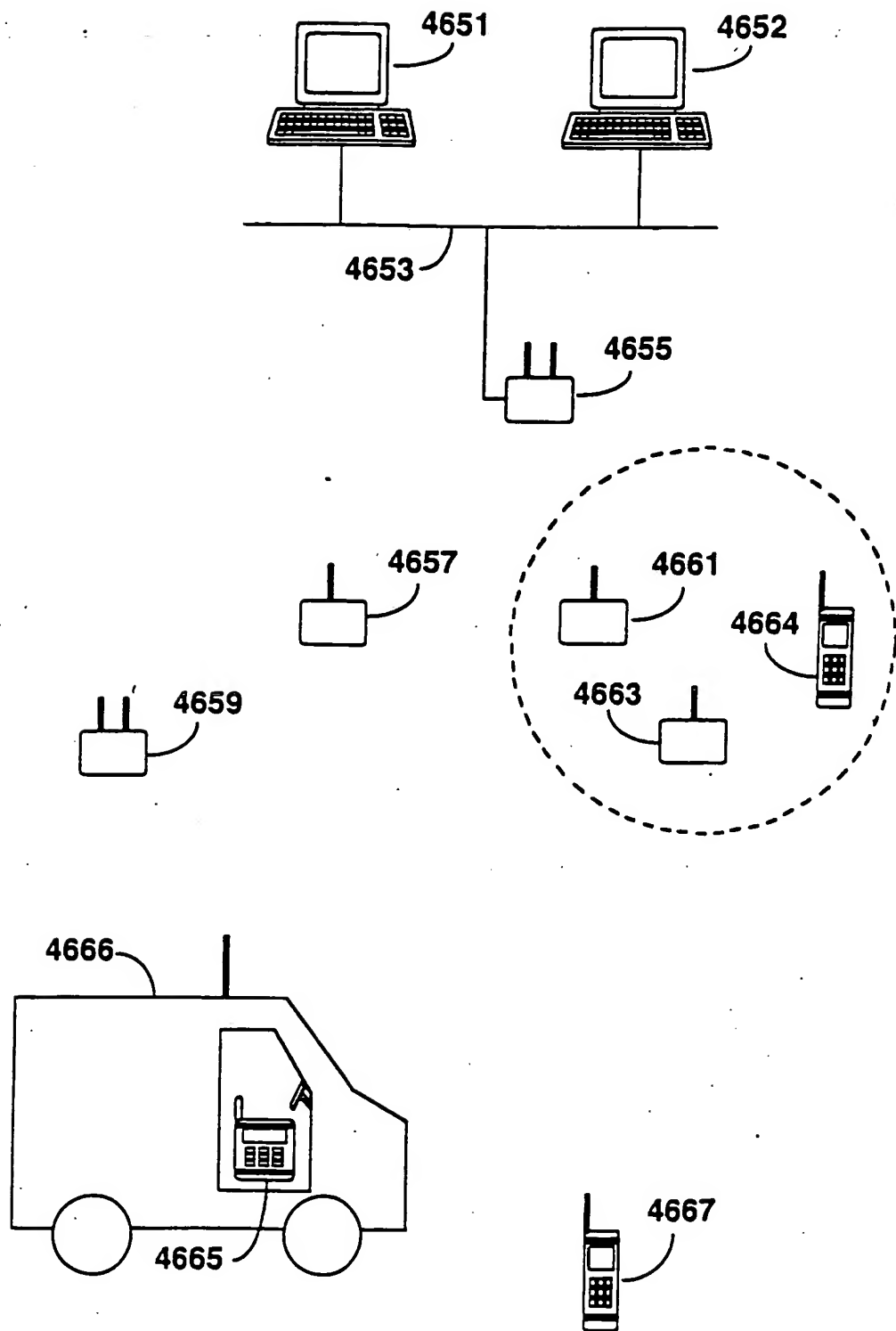


Fig. 45



**Fig. 46a**





**Fig. 46b**

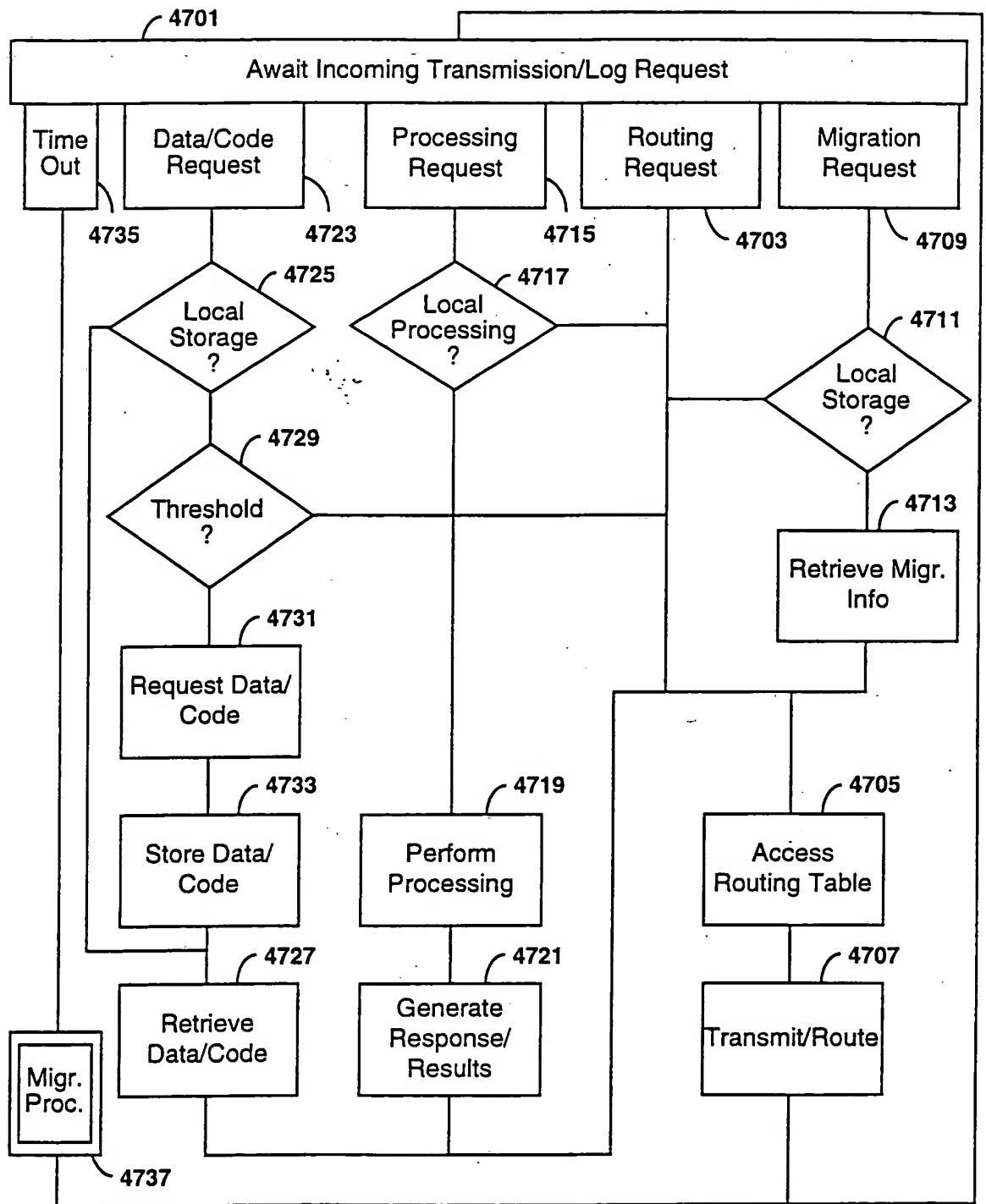
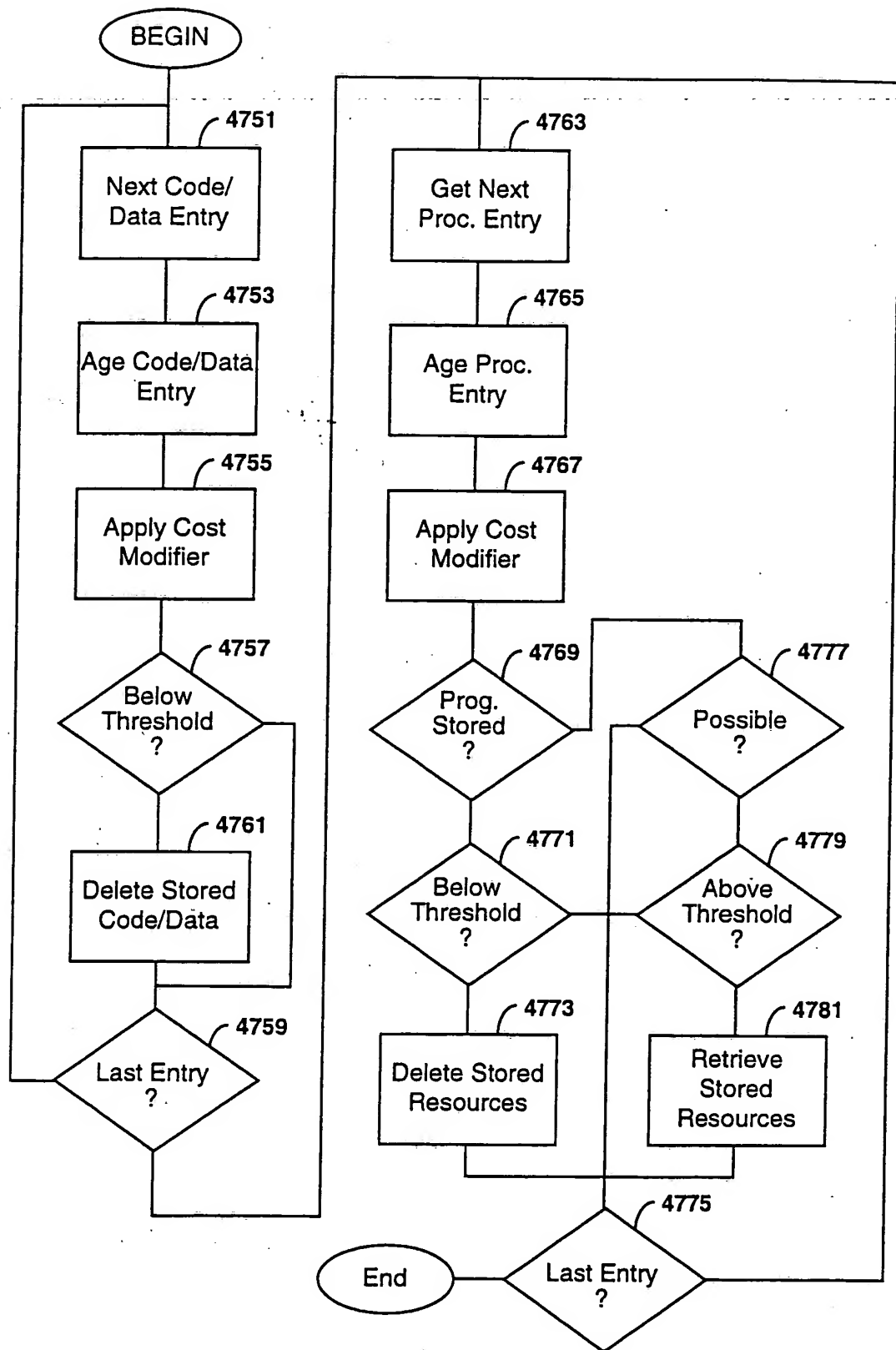
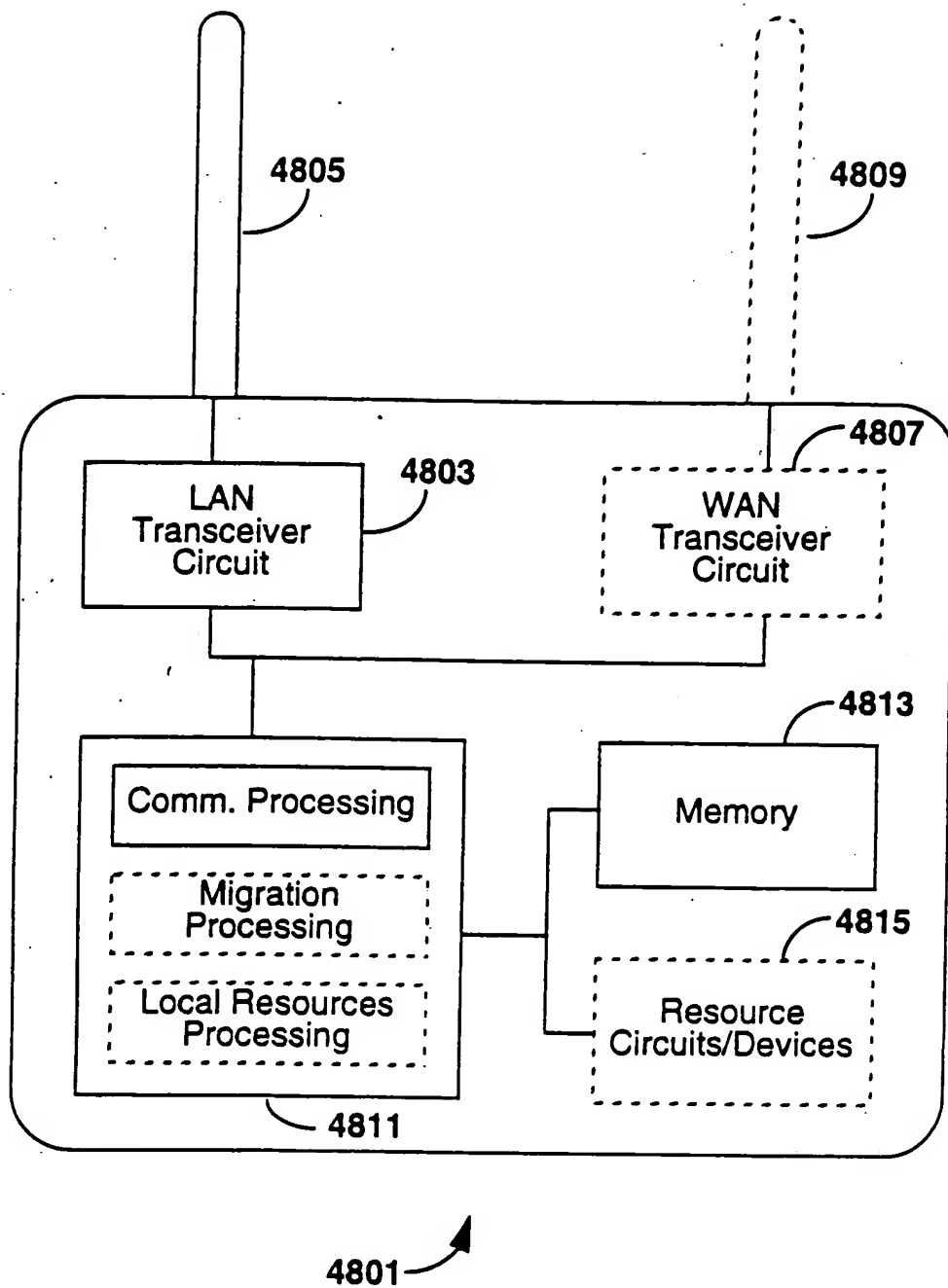


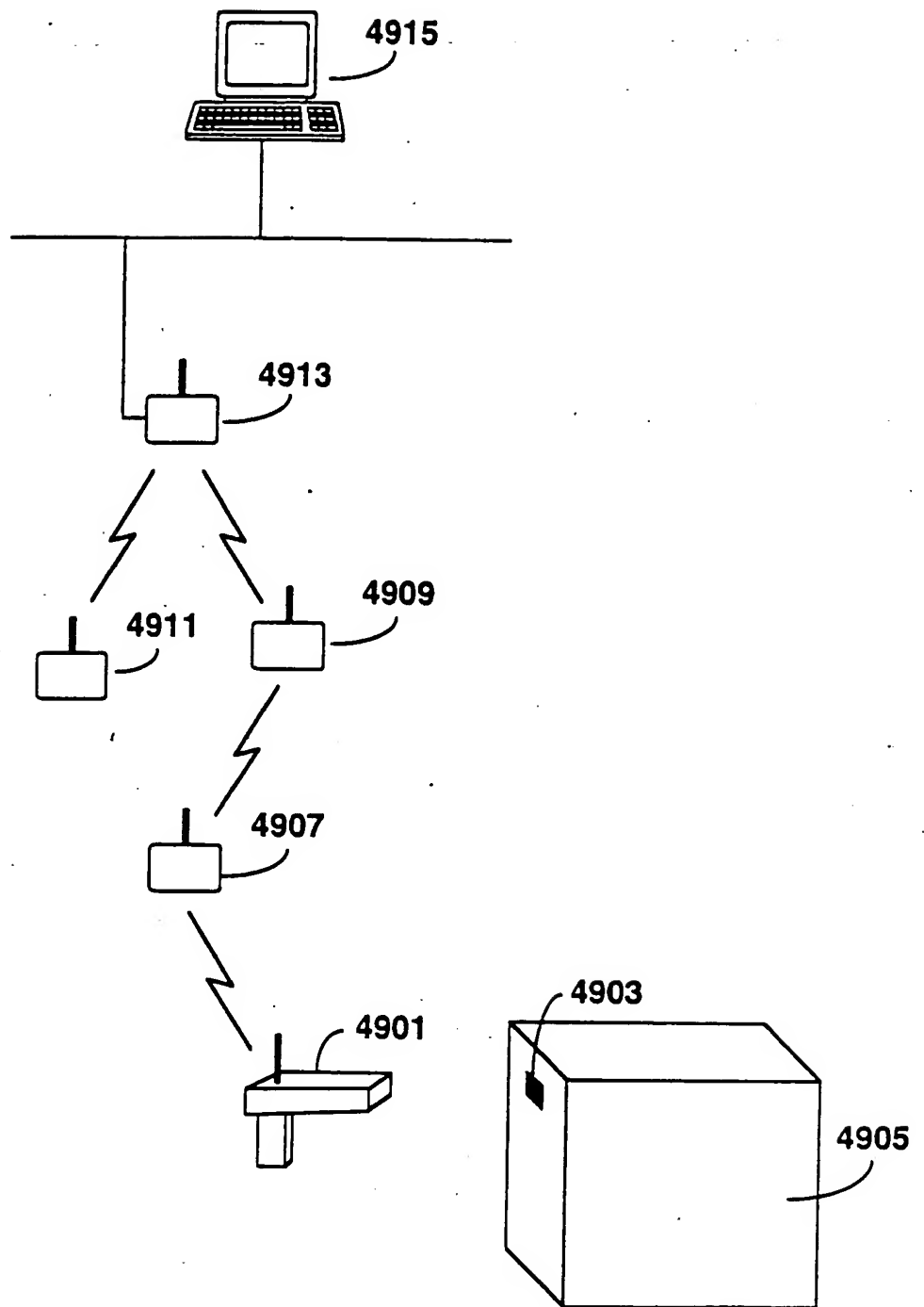
Fig. 47a



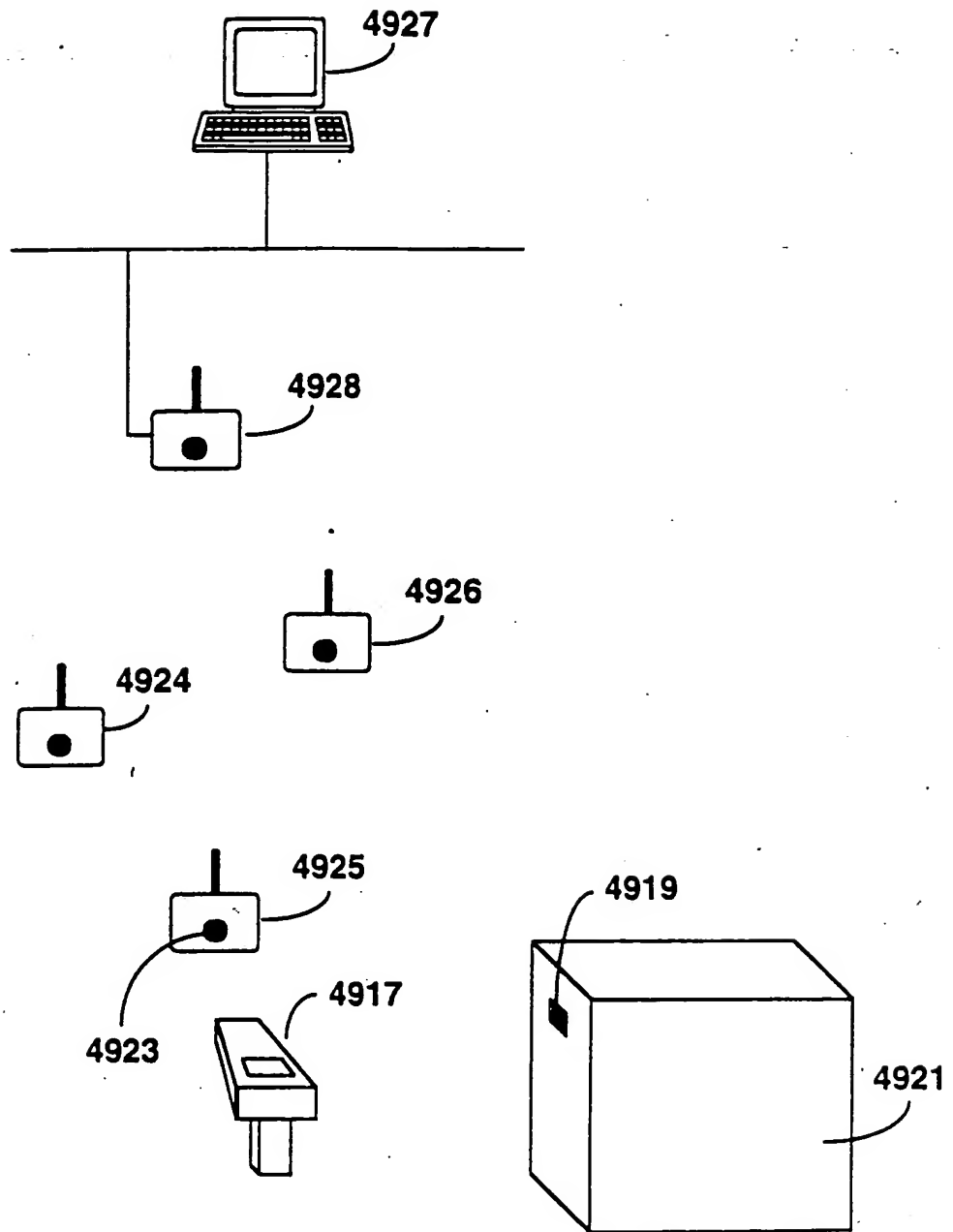
**Fig. 47b**



**Fig. 48**



**Fig. 49a**



**Fig. 49b**

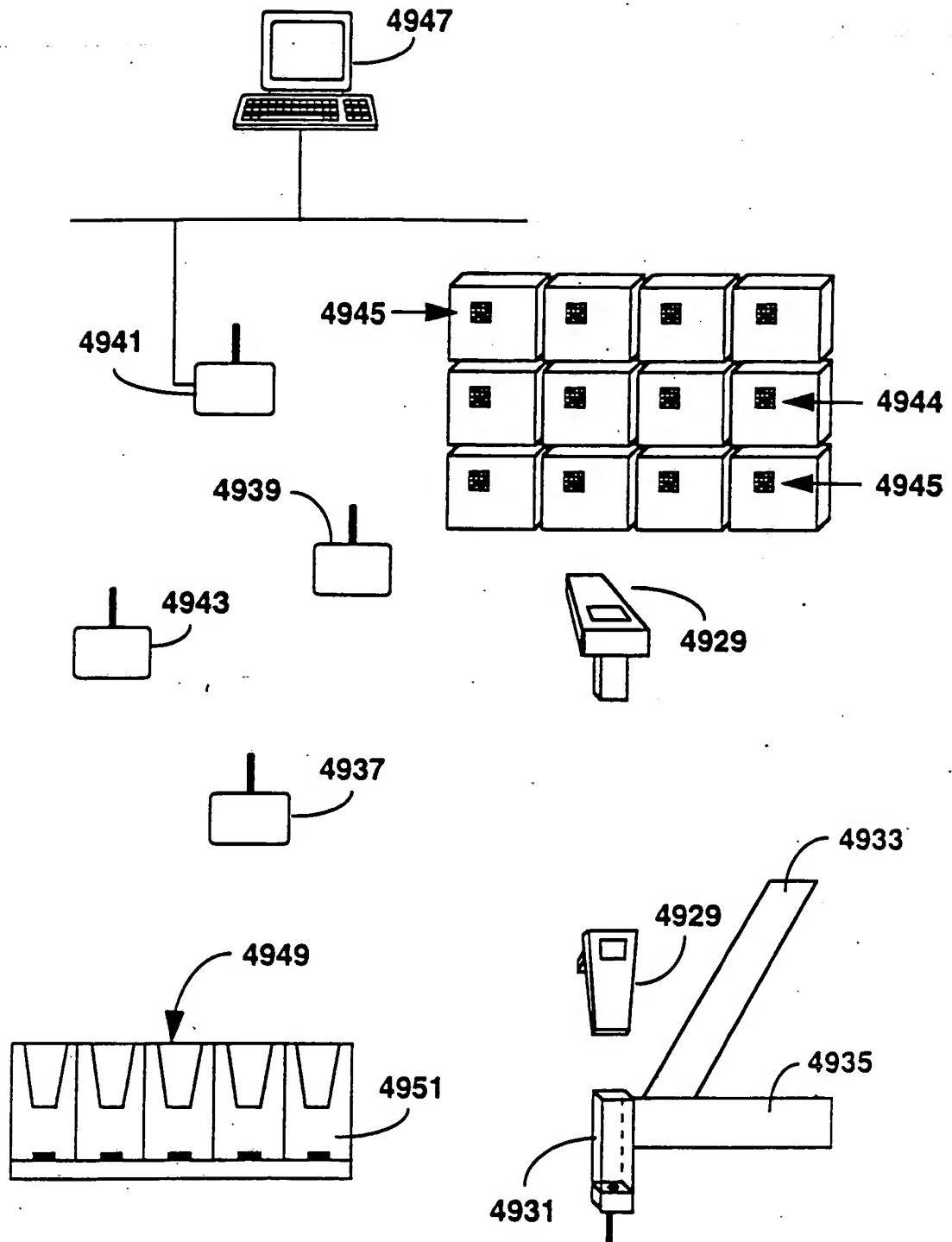
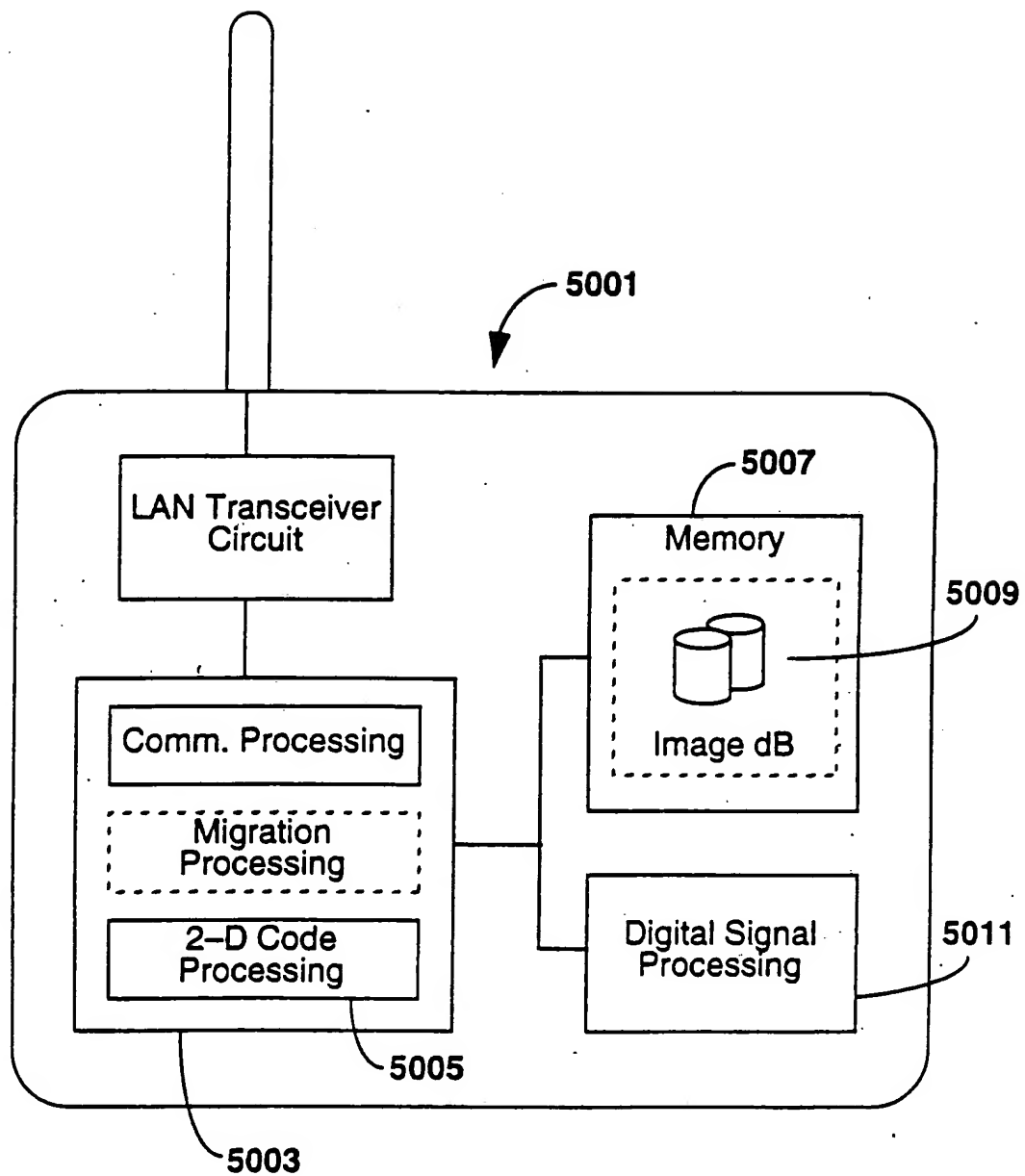
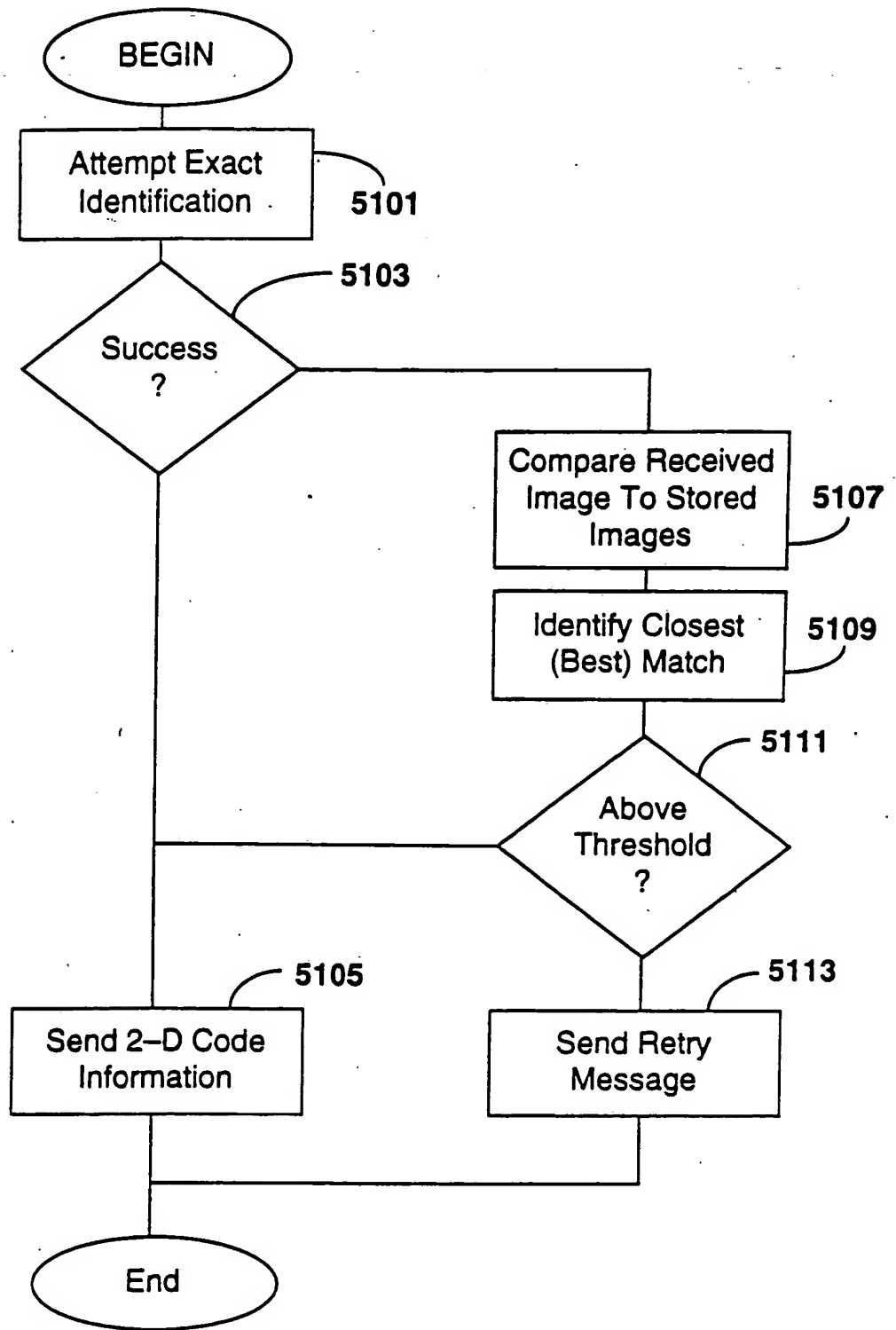


Fig. 49c

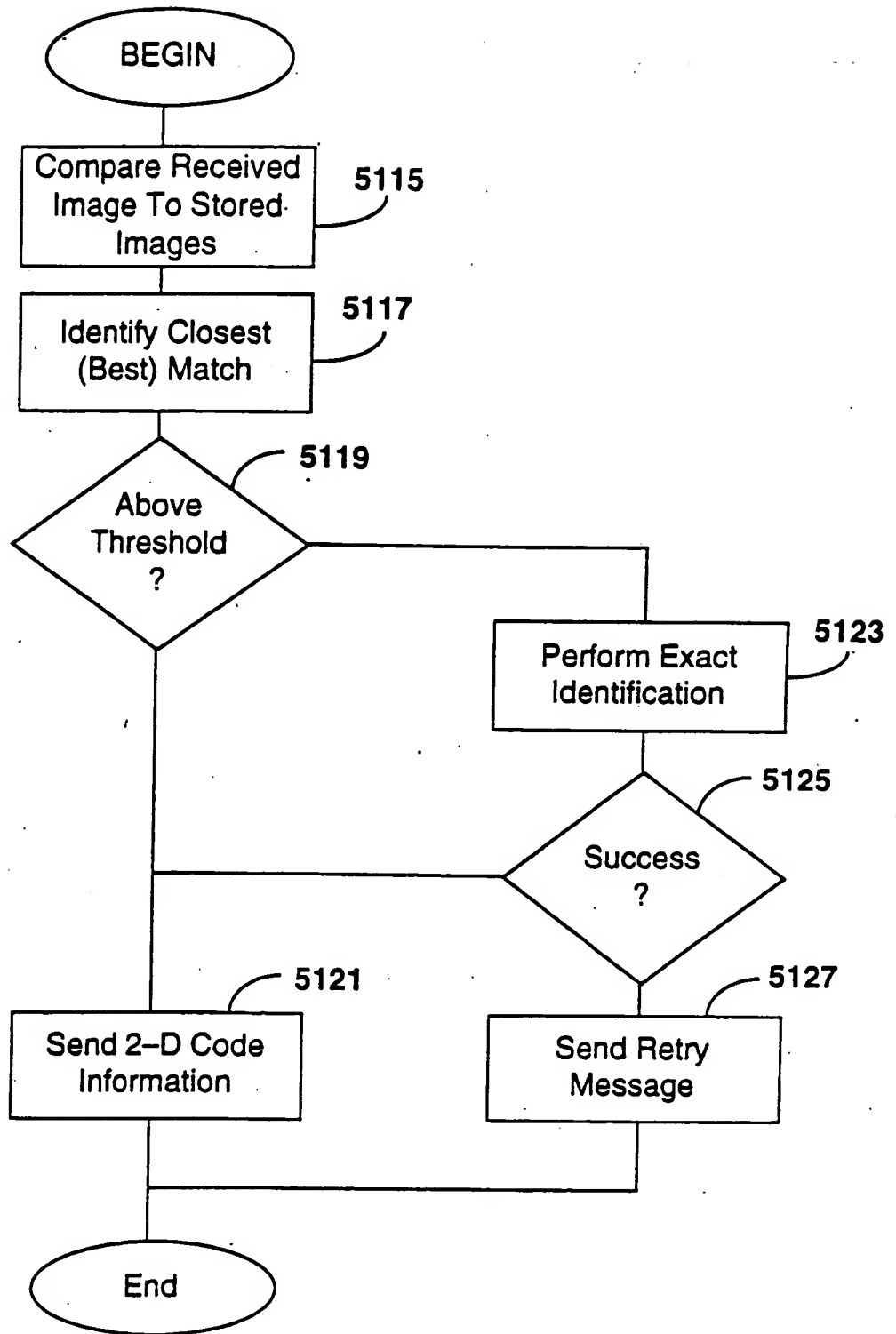


**Fig. 50**

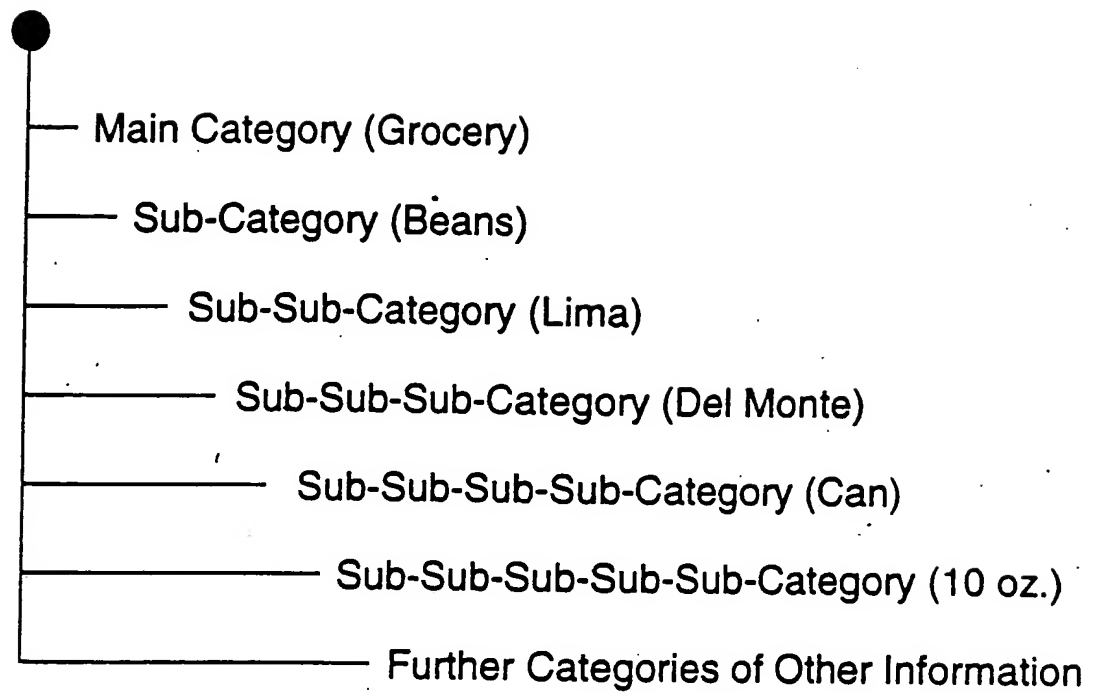




**Fig. 51a**



**Fig. 51b**

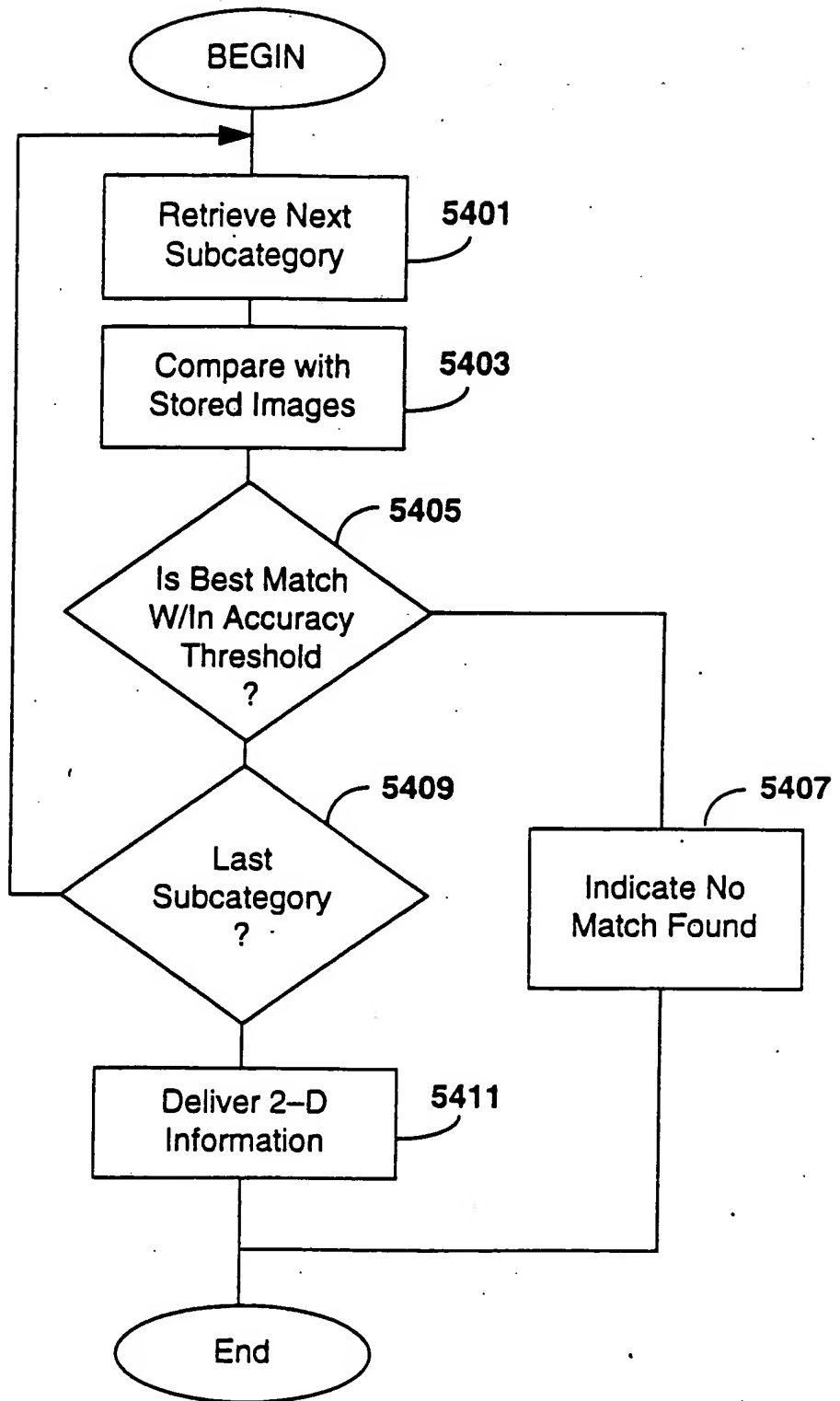


**Fig. 52**

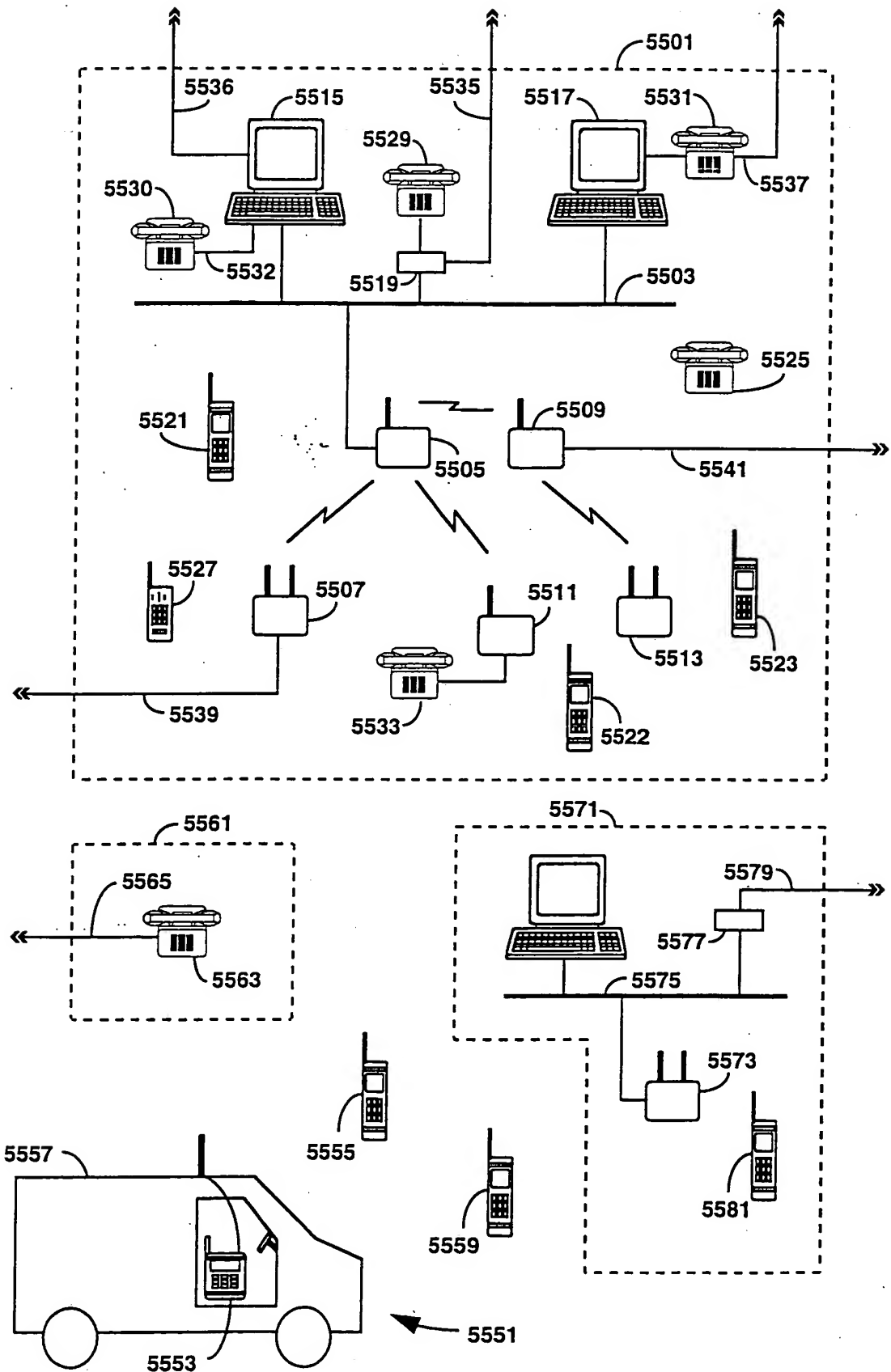
|                   |       |        |
|-------------------|-------|--------|
| Grocery           | Beans | Lima   |
| Del Monte         | Can   | 10 oz. |
| Other Information |       |        |

5301

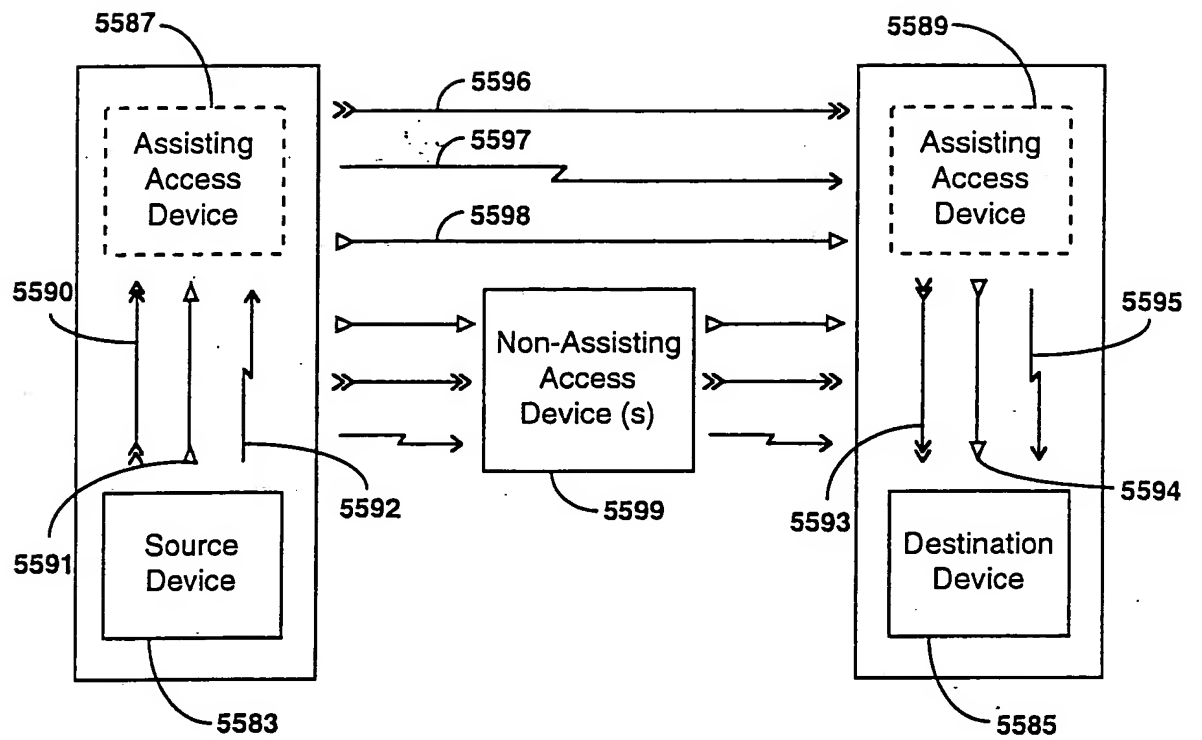
Fig. 53



**Fig. 54**



**Fig. 55a**



**Fig. 55b**

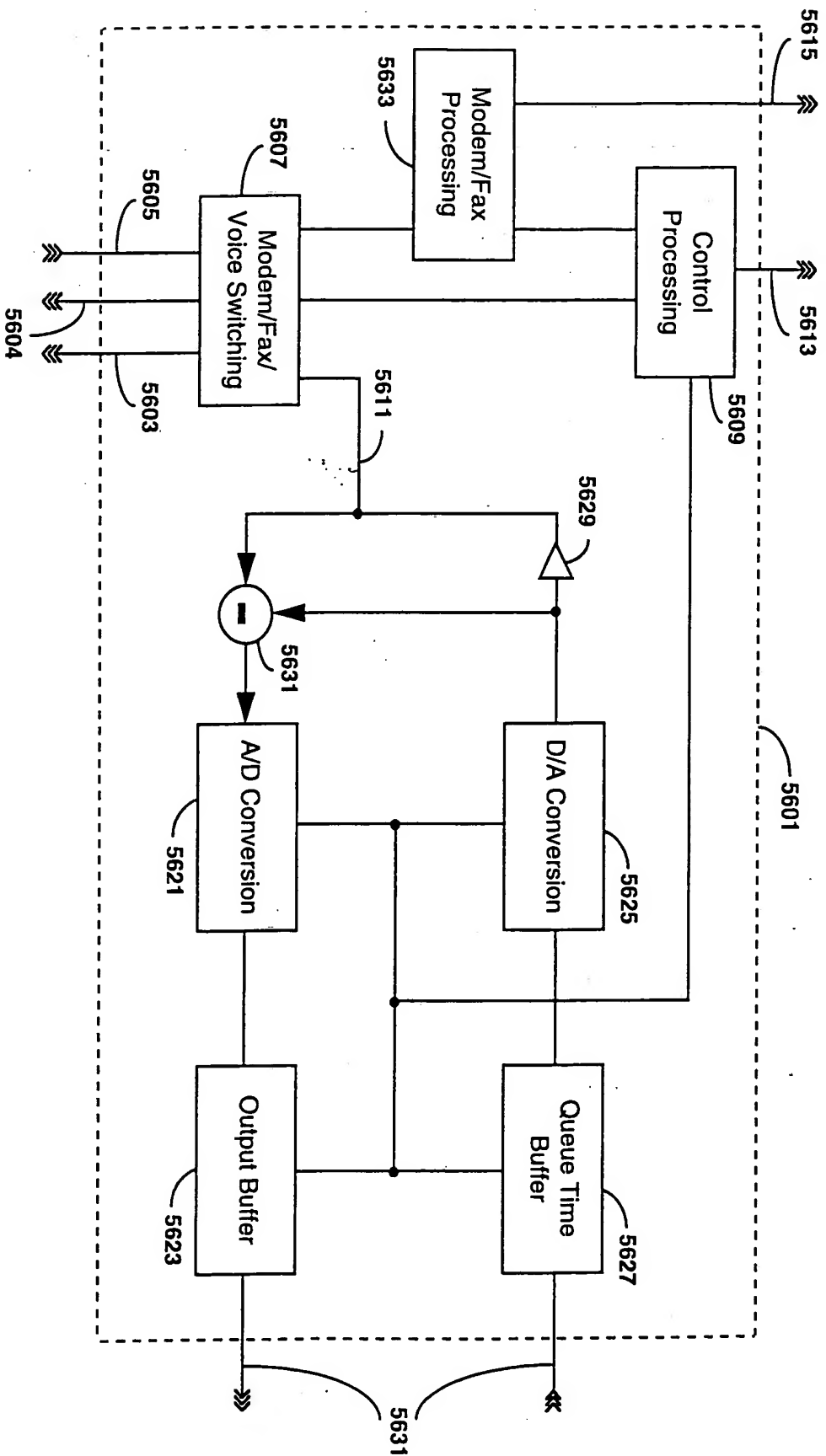


Fig. 56a



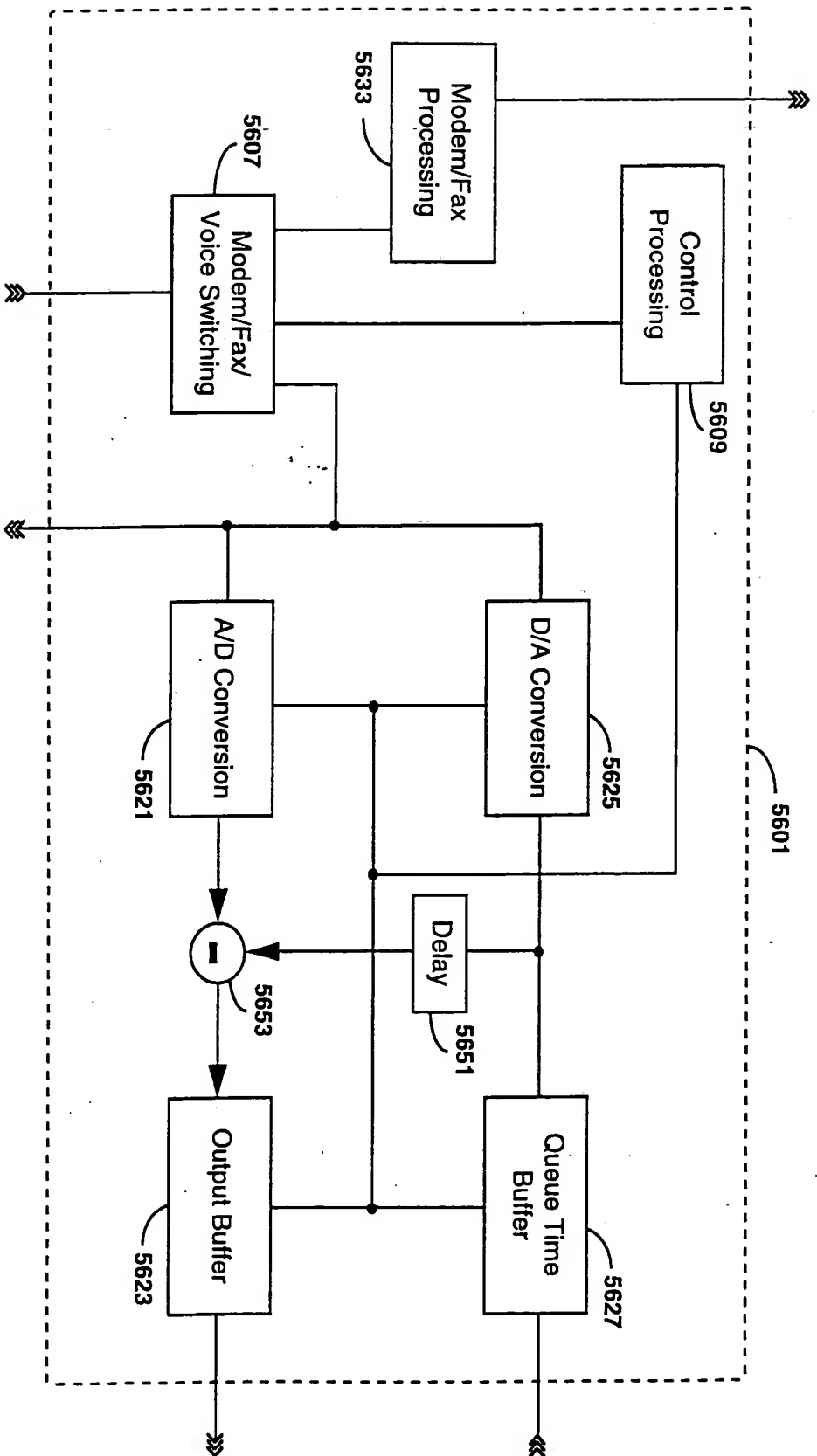


Fig. 56b

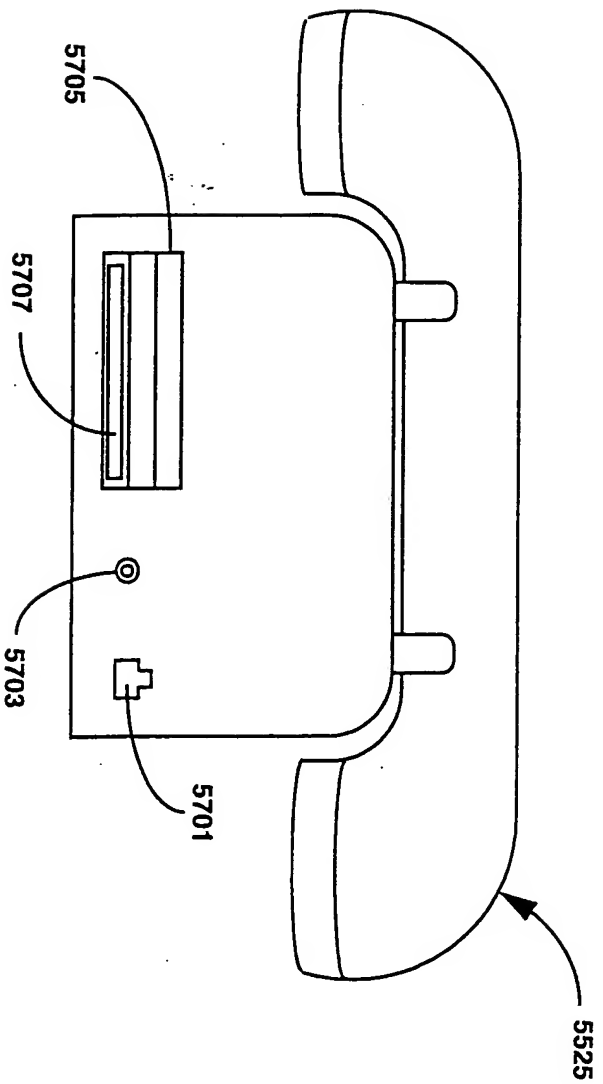


Fig. 57

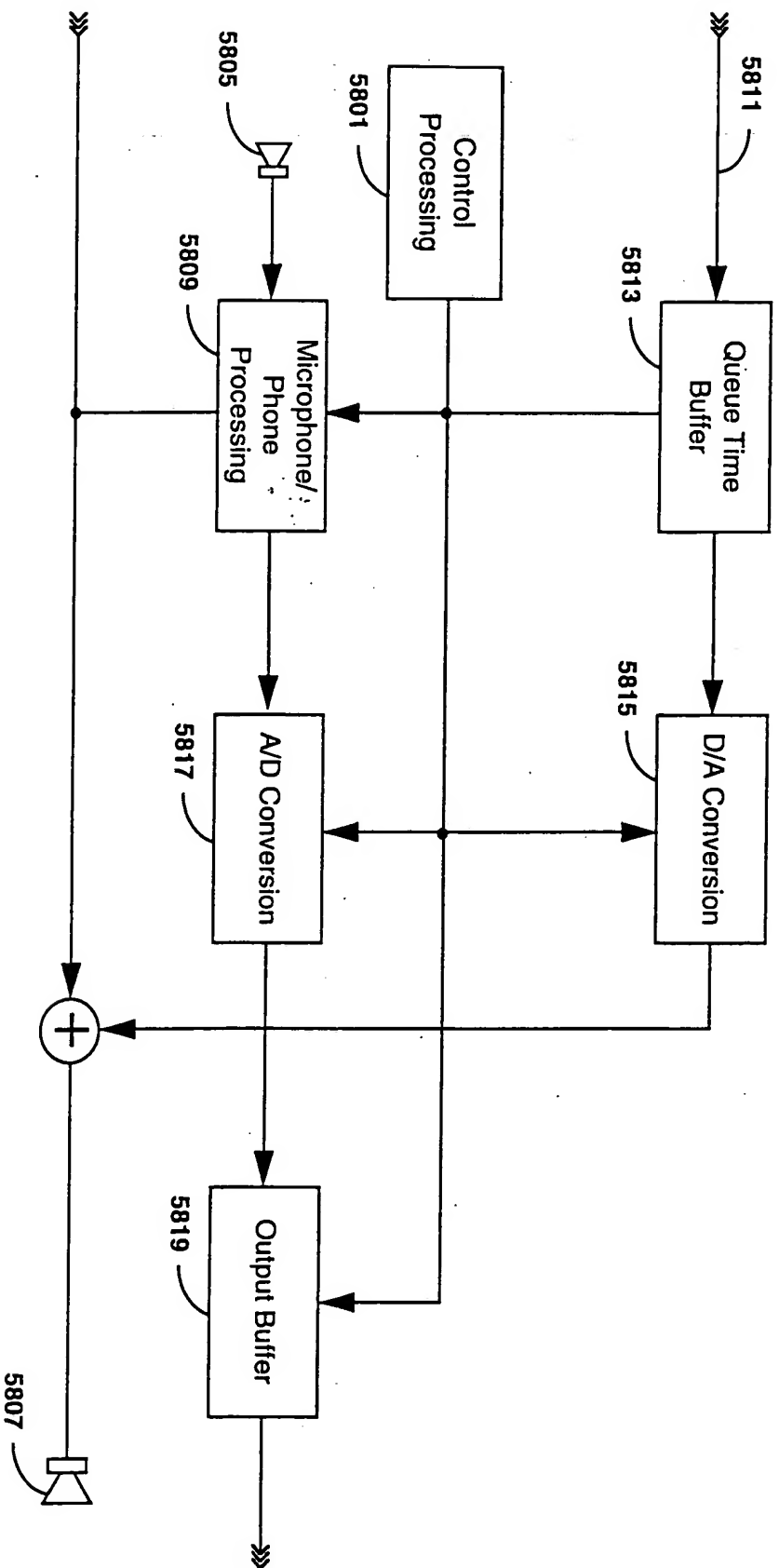
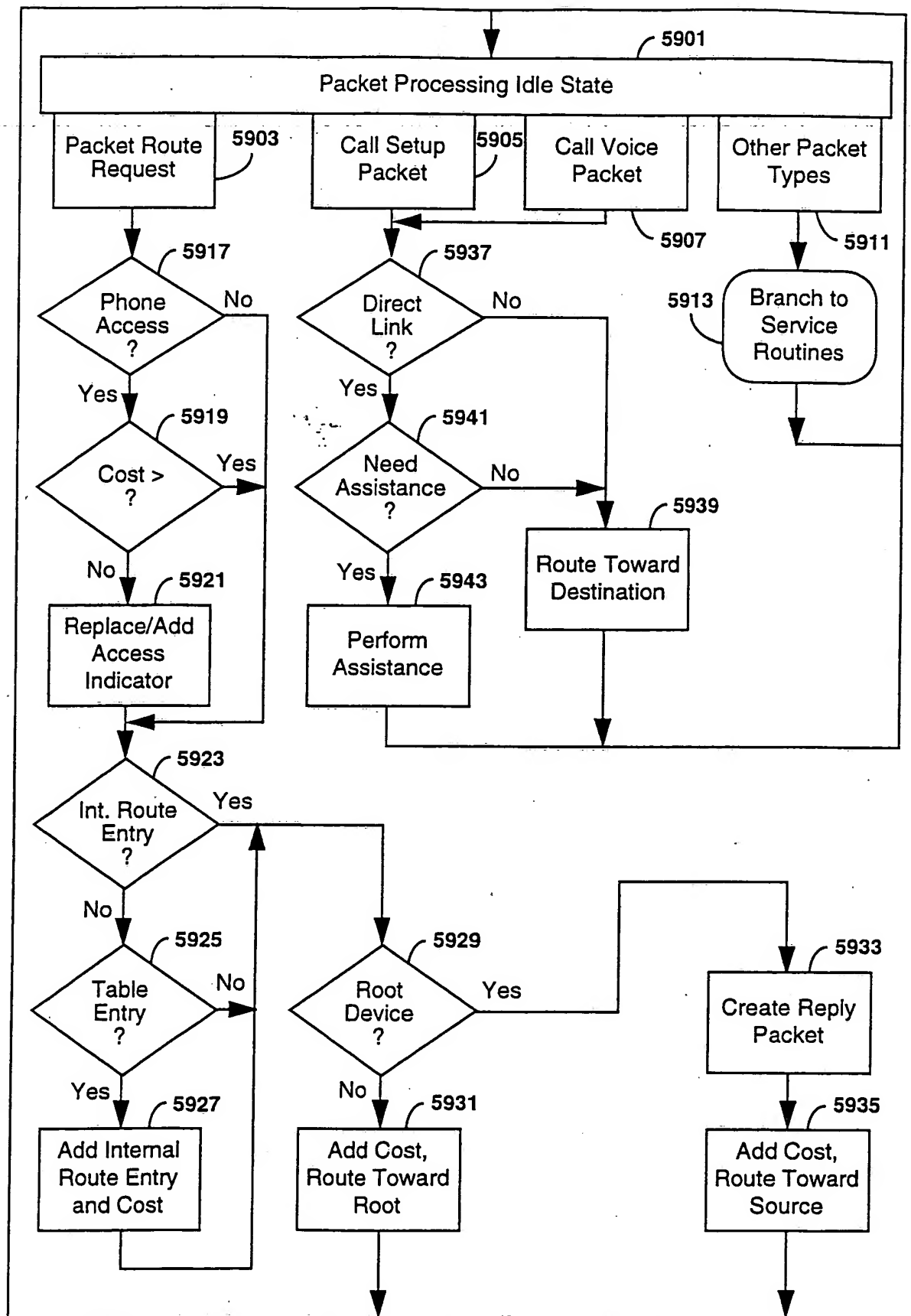


Fig. 58



**Fig. 59**

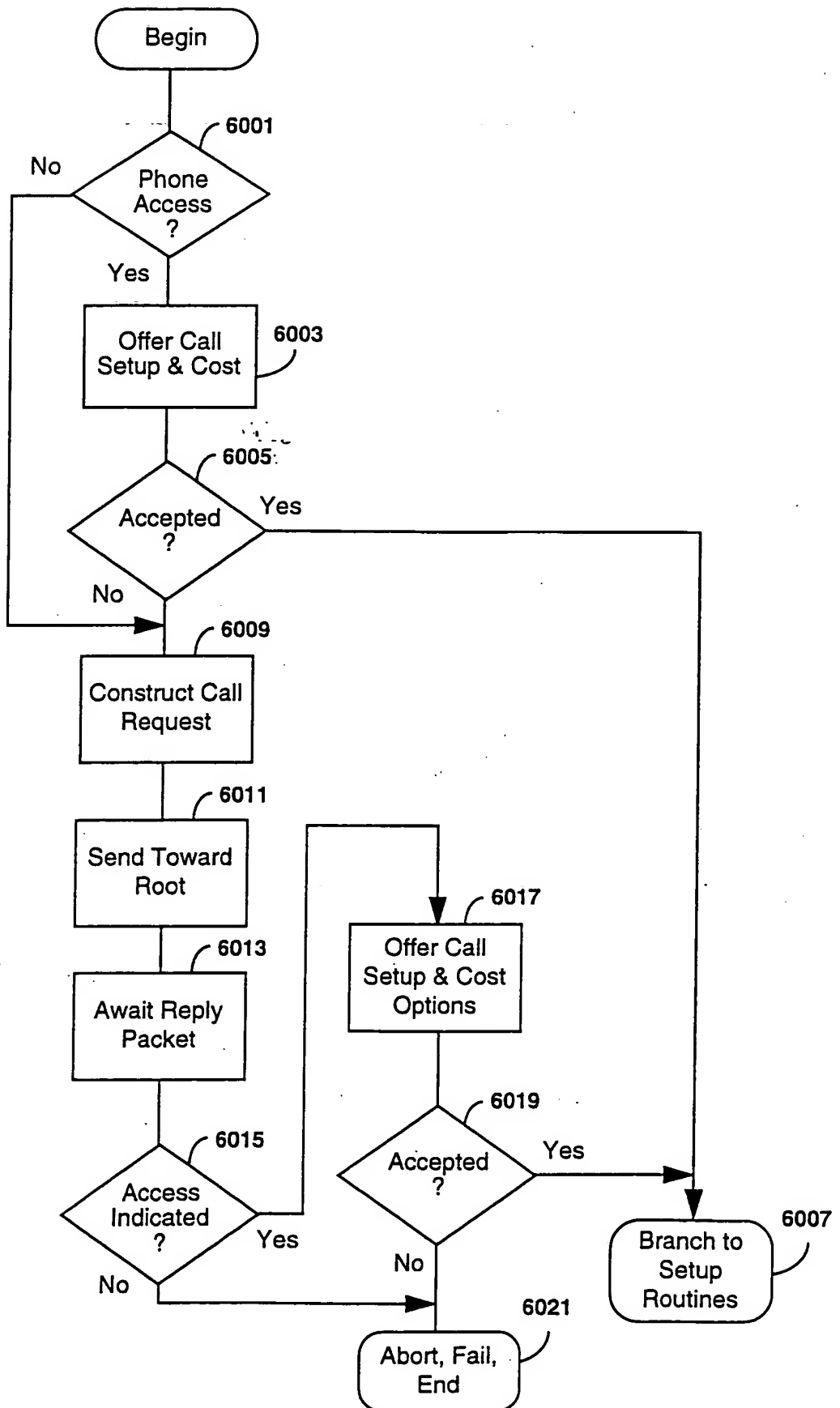
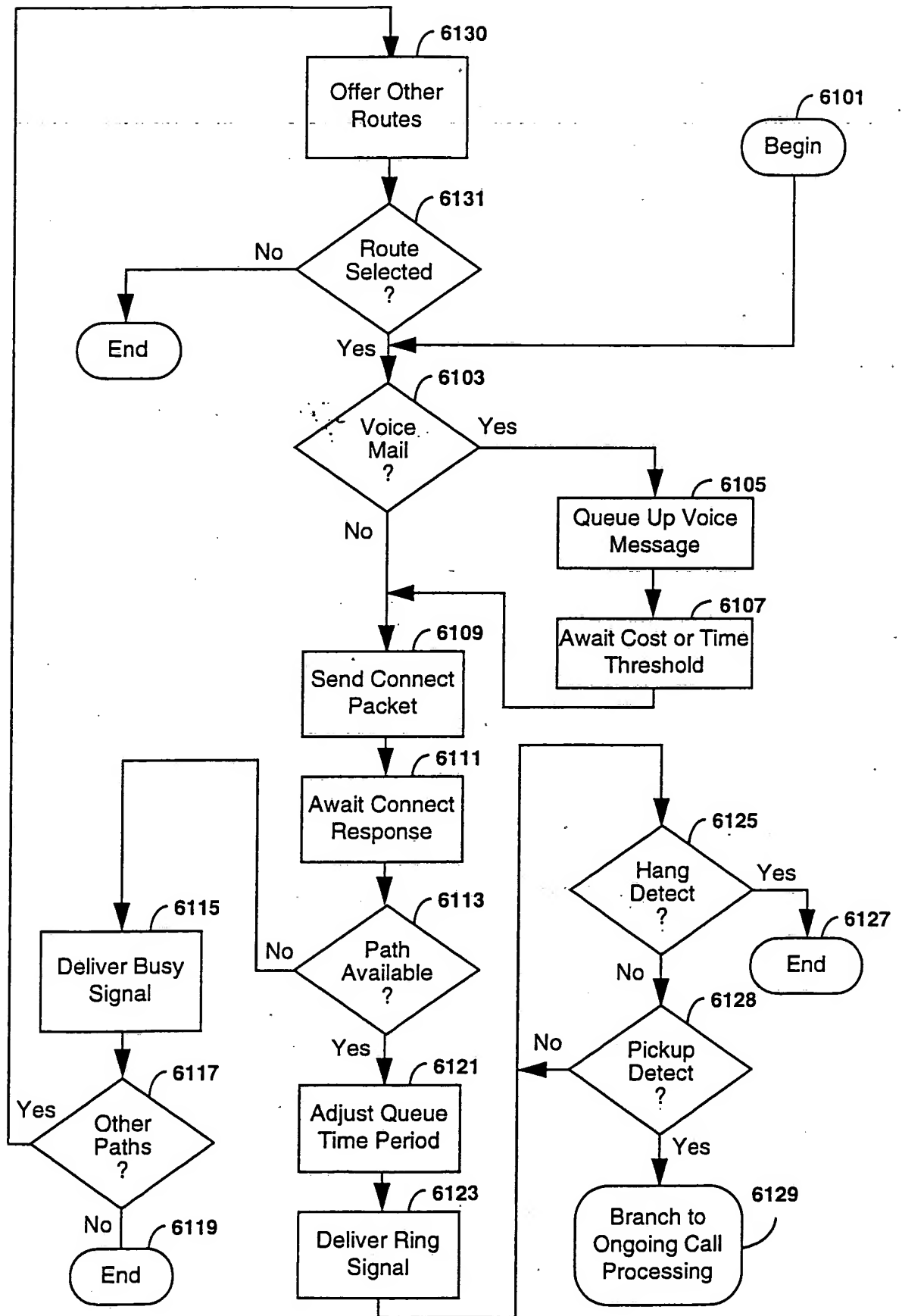


Fig. 60



**Fig. 61**

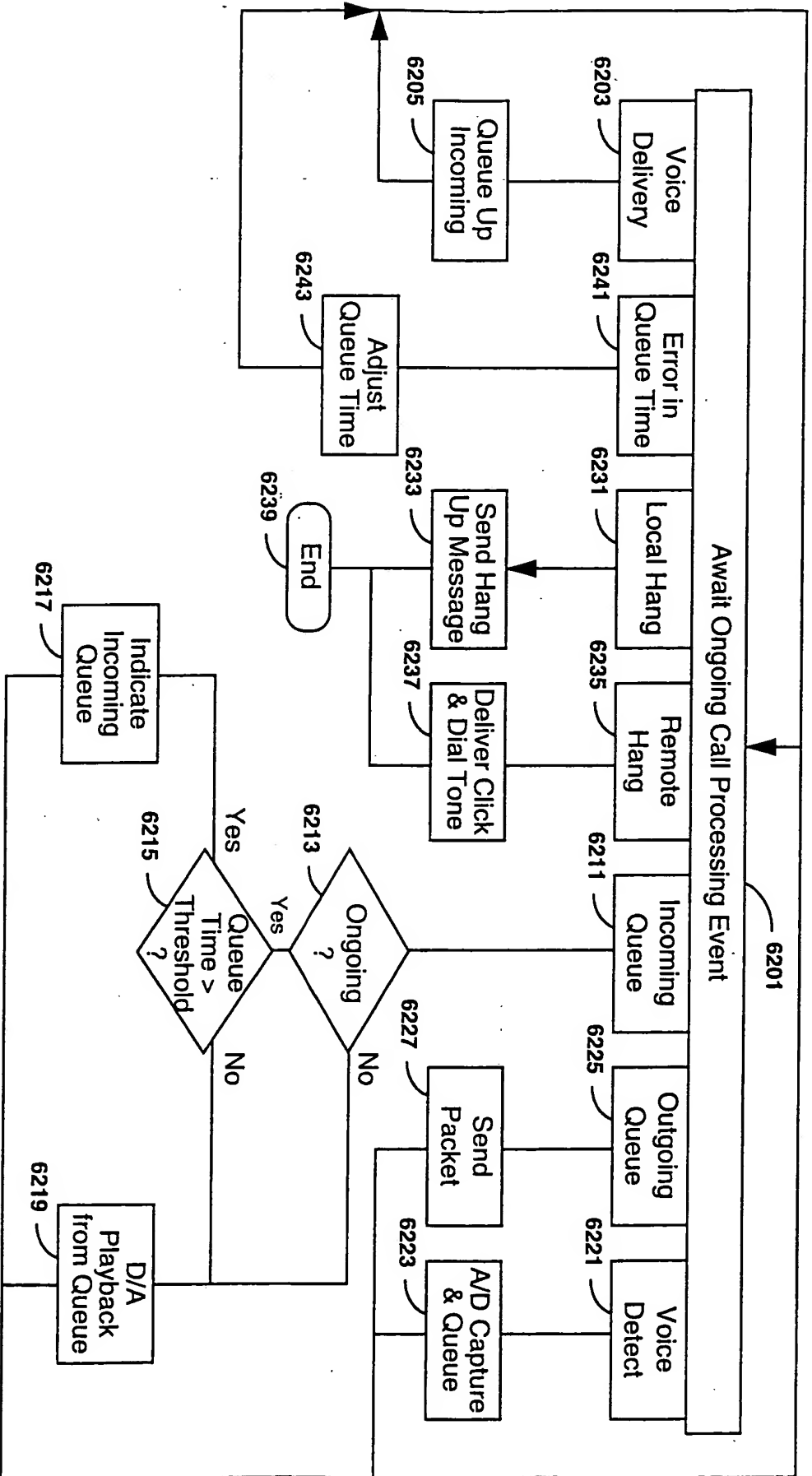


Fig. 62

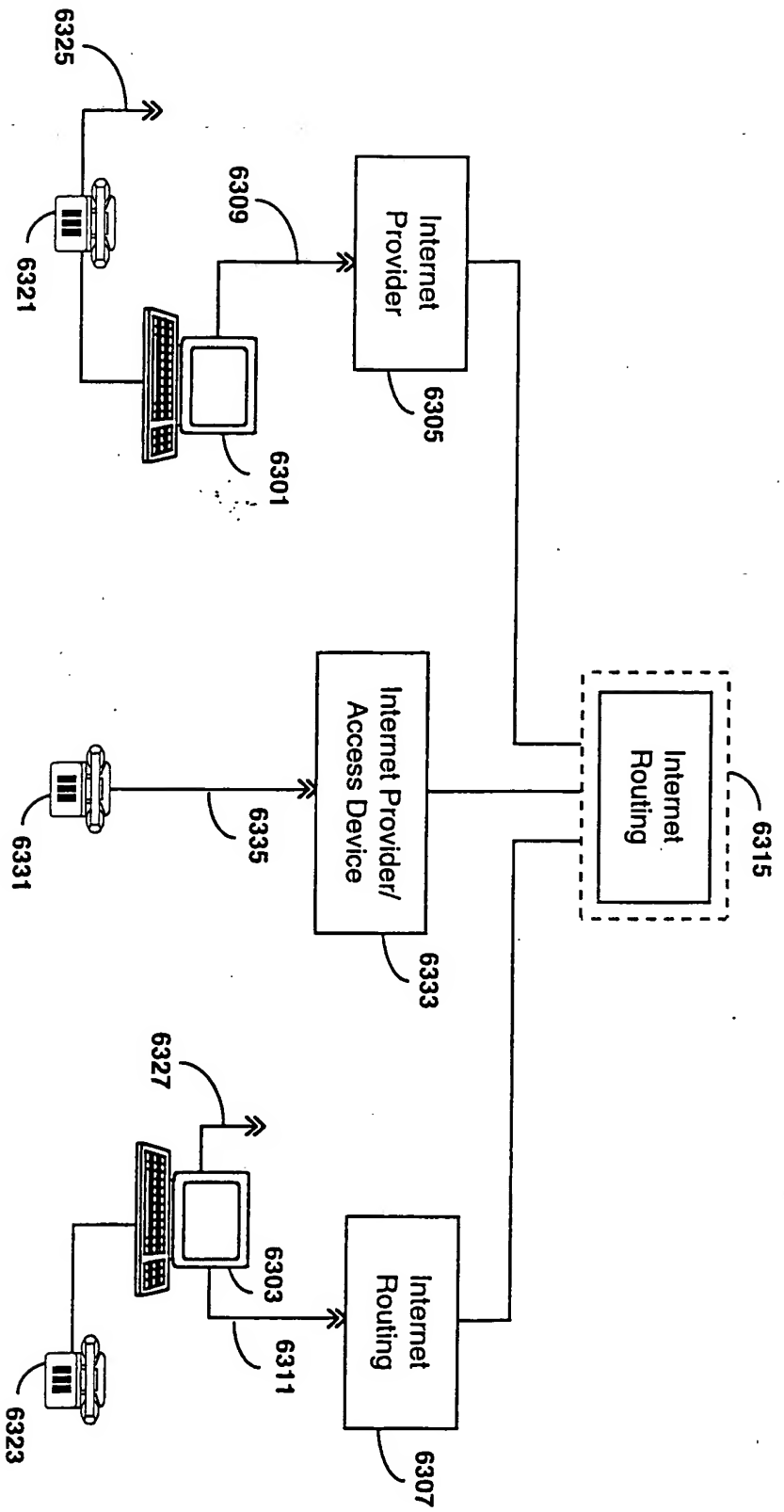


Fig. 63